रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन आर आर सी - ०१/२०१९ - CEN RRC - 01/2019

# RRB Group D 2019

## Level-1 Posts (Group D) · CEN RRC 01/2019 · CBT (17 Aug - 11 Oct 2022) · General Intelligence and Reasoning · Question Paper

**English**

All 99 Shifts (Sets) · General Intelligence and Reasoning Section · Official Answer Key

## About this Compilation

This booklet contains all **99 shift papers** of the **RRB Group D 2019** examination in **English** (**General Intelligence and Reasoning** section only), with the correct option marked as per the official answer key.

✓ Correct option (highlighted green)

**Source and order.** Original question images of the official RRB response sheets (no retyping). RRB shuffled questions and options for every candidate; here each paper runs section by section in the official order (Maths Q1-25, Reasoning Q26-55, General Science Q56-80, General Awareness Q81-100), options in RRB's own order.

**Answer key.** Official RRB key; 12 questions carry RRB's final (post-objection) answer; 36 questions dropped by RRB are printed as asked, with RRB's note and no tick.

**English not saved.** For the whole 26 Aug 2022 12:45 PM paper and 149 questions of 17 other shifts no English version was saved; the Hindi version is printed, marked HINDI.

### How to use

- Use the **Index** page to jump directly to any set (clickable).
- Questions appear section by section in the order of the paper, numbered 1 onward.
- Diagram and wide-table questions appear at full width at the end of their section.
- The correct answer is highlighted in green with a tick.

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**Q1** General Intelligence and Reasoning

E, F, G, H, I, J and K are sitting in a straight row, facing north. H is second to the right of G. F and K are immediate neighbours. Both F and E are immediate neighbours of I. H and E are immediate neighbours. K is at the extreme right end of the row. J is at the immediate left of H. Who is at the immediate left of J?

A. G ✓

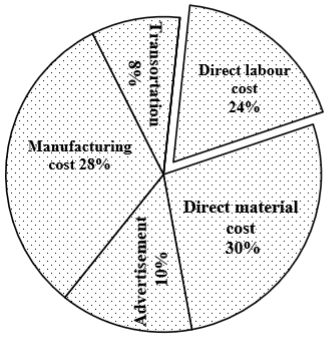
B. H

C. F

D. E

**Q2** General Intelligence and Reasoning

The following pie chart shows the percentage distribution of the expenditure incurred in manufacturing a scientific calculator. Study the pie chart and answer the question.




If 500 products are manufactured and the direct labour cost on them amounts to ₹1,00,000, then what should be the selling price of the product so that the manufacturer can earn a profit of 44%?

A. ₹1,500

B. ₹1,000

C. ₹1,200 ✓

D. ₹600

**Q3** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$25.19 \times 3 + 4.41 - 0.9 = ?$

A. 62

B. 78 ✓

C. 95

D. 100

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**Q4** General Intelligence and Reasoning

In a certain code language, 'MFBTF' is written as 'LEASE' and 'UNISE' is written as 'TMHRD'. How will 'TRICK' be written in that language?

A. USDJL

B. SSHJB

C. USJDL

D. SQHBJ ✓

**Q5** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

10 : 55 :: 12 : 65 :: 18 : ?

A. 85

B. 92

C. 95 ✓

D. 90

**Q6** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete ?

S2L, P6N, M18P, J54R, G162T, ?

A. D486V ✓

B. D324V

C. E486V

D. D386V

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**Q7** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts, and decide which of the given conclusions logically follow/s from the given statements.

Statements:

All pans are pens.

All pens are brushes.

All brushes are tables.

Conclusions:

(I) Some tables are pans.

(II) All pens are pans.

(III) No pen is a pan.

A. Only conclusion I follows ✓

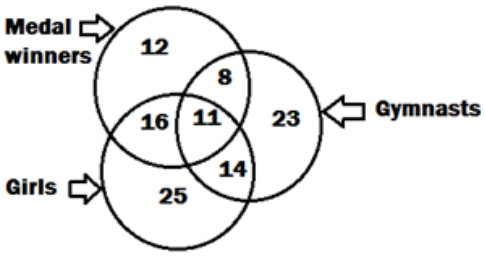
B. Only conclusion II follows

C. Either conclusion I or conclusion III follows

D. None of the conclusions follow

**Q8** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




Which of the following statements is correct on the basis of the above diagram?

A. The number of girls who are also gymnasts is 41.

B. The number of gymnasts who are also medal winners is 34.

C. The number of girls who are neither gymnasts nor medal winners is 23.

D. The number of medal winners who are also girls is 27. ✓

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**Q9** General Intelligence and Reasoning

P, Q, R, S, T and U are six giraffes in a jungle, each with a different height. S is taller than Q. P is taller than R. S is shorter than T. Q is taller than P but shorter than T. T is shorter than U. Which of the six giraffes is the shortest?

A. Q

B. P

C. T

D. R ✓

**Q10** General Intelligence and Reasoning

Raman started from a point and walked a distance of 200 m towards the north, he then turned left and walked 300 m, turned right and walked 400 m, and then turned right again and walked 300 m. How far is Raman from the starting point?

(All turns are 90 degree turns only)

A. 600 m ✓

B. 700 m

C. 1400 m

D. 200 m

**Q11** General Intelligence and Reasoning

If 3 is added to each odd digit and 1 is subtracted from each even digit in the number 42514563, what will be difference between the highest and lowest digits thus formed?

A. 2

B. 5

C. 7 ✓

D. 8

**Q12** General Intelligence and Reasoning

Six persons, A, B, C, D, E and F, are sitting around a circular table. All are facing the centre of the table. Only two persons are sitting between D and A. F is to the immediate right of C. E is second to the right of F. E is second to the left of A. Who is sitting to the immediate right of F?

A. D ✓

B. E

C. C

D. A

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**Q13** General Intelligence and Reasoning

P, L, K, U, J and Y went for a trip to Rajasthan and Uttar Pradesh in six consecutive months of the same calendar year. P preferred to visit Rajasthan in the month of November. U visited Uttar Pradesh exactly two months prior to P. Y preferred the month of July. J preferred to visit Rajasthan exactly between the months preferred by Y and U. L visited exactly one month prior to Y. In which month did K visit?

A. August

B. September

C. October ✓

D. November

**Q14** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

Y H S D S Y I R A Y E U G I R O A B U B R X M P Q

How many such vowels are there in the series each of which is immediately preceded by a consonant and also immediately followed by a consonant?

A. 2

B. 3

C. 4 ✓

D. 5

**Q15** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

( 15, 41 , 4)

( 19, 71, 5)

A. (13, 55, 3)

B. (44, 91, 3)

C. (10, 8, 2) ✓

D. (41, 125, 4)

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**Q16** General Intelligence and Reasoning

Rajan started from a point and walked a distance of 200 m towards the north, he then turned left and walked 300 m, turned right and walked 400 m, and then turned left and walked 1 km. In which direction is Rajan facing now?

(All turns are 90 degree turns only)

A. South

B. East

C. West ✓

D. North

**Q17** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

55, 104, 140, 165, ?

A. 185

B. 181 ✓

C. 192

D. 174

**Q18** General Intelligence and Reasoning

Study the given letter, number, symbol series and answer the question that follows.

T % N 9 * M $ 3 U = L 8 Y @ G & 3 E > W & 4 R F ! K

Find out the total number of symbols that are immediately preceded by a number and immediately followed by a letter.

A. 1 ✓

B. 2

C. 3

D. 4

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**Q19** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

No computer is a marker.

All erasers are markers.

All pens are erasers.

**Conclusions:**

I. No pen is a computer.

II. Some erasers are computers.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Both conclusions I and II follow

D. Neither conclusion I nor II follows

**Q20** General Intelligence and Reasoning

Five friends A, S, D, F and G took admission in a coaching institute in consecutive months of the same calendar year. A took admission in May. Only D took admission between F and S, while G took admission exactly one month after A. F was the last one to take admission. In which month did D take admission?

A. August ✓

B. July

C. September

D. June

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**Q21** General Intelligence and Reasoning

A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the given assumptions is/are implicit in the statement.

**Statement:**

Please register for the event latest by 21 April to collect free passes. Passes will not be issued without valid address proof.

**Assumptions:**

I. Voter ID card is a valid address proof.

II. Passes can be purchased at the venue.

A. Only assumption I is implicit

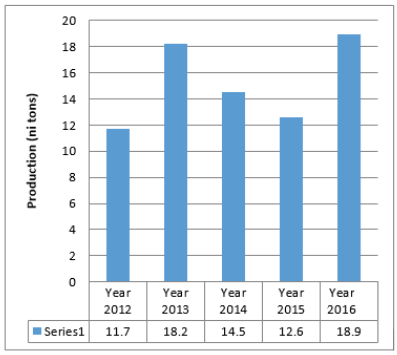
B. Only assumption II is implicit

C. Neither assumption I nor II is implicit ✓

D. Both assumptions I and II are implicit

**Q22** General Intelligence and Reasoning

The following chart shows the production of an organization in various years from 2012 to 2016.Study the chart and answer the question.




What was the percentage increase in the production from 2015 to 2016?

A. 40%

B. 50% ✓

C. 25%

D. 21%

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**Q23** General Intelligence and Reasoning

In a class of students, Paulo ranked 18th from the top and 45th from bottom. What is the total number of students in the class?

A. 60

B. 61

C. 62 ✓

D. 63

**Q24** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

9, 10, 18, 45, 109,?

A. 234 ✓

B. 218

C. 198

D. 327

**Q25** General Intelligence and Reasoning

What will be the approximate angle between the two hands of a clock (hour hand and minute hand) when the time is 8:45?

A. $17^\circ$

B. $10^\circ$

C. $7^\circ$ ✓

D. $2^\circ$

**Q26** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

PRO : LJM

ZEN : BWN

A. DEN : WWN

B. KLP : QPL ✓

C. NYZ : MCB

D. GUN : UGM

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**Q27** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $P \leq Q < F = R > M \geq B$

Conclusions:

I. $R > P$

II. $F < B$

A. Only conclusion I is true ✓

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true

**Q28** General Intelligence and Reasoning

What will come in place of the question mark (?) in the following equation, if '+' is interchanged with '÷', and '−' is interchanged with '×'?

$100 \times 121 + 11 - 7 \div 24 - 8 \times 33 \times 99 \div 17 = ?$

A. 80

B. 90

C. 100 ✓

D. 101

**Q29** General Intelligence and Reasoning

How many such pairs of letters are there in the word DAUGHTER (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. 2

B. 3

C. 4 ✓

D. 5

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## Q30 General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/Symbol | 7 | 5 | E | % | & | 4 | 8 |
|---|---|---|---|---|---|---|---|
| Codes | S | D | M | U | T | L | A |

Conditions:

(i) If the second element is an odd number and the last element is an even number, the codes for these two (the second and the last elements) are to be interchanged.

(ii) If the third element is an even number and the fifth element is a symbol, the codes for these two (the third and the fifth elements) are to be interchanged.

(iii) If the fifth element is a symbol and the sixth element is also a symbol, both these elements (the fifth and the sixth elements) are to be coded as R.

Question: E 7 5 % & 4 % 8

A. MATUDLUS

B. MSDUTLUA

C. MADUTLUS ✓

D. MADURRUS

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**Q1** General Intelligence and Reasoning HINDI - no English version saved

दिए गए अक्षर, प्रतीक शृंखला का अध्ययन करें, और पूछे गए प्रश्न का उत्तर दें।

# 9 1 @ 4 * 7 ^ 5 3 # 9 1 < 5 4 @ 3 $ # 2 * 6 ! 4 2 & 9 < 3 6 # 2 % 2 @ 7

यदि दी गई शृंखला की सभी सम संख्याओं को एक ऐसी संख्या से बदल दिया जाता है, जो अभाज्य और सम दोनों ही है, तो इस प्रकार बनने वाली परिणामी शृंखला में ऐसी कितनी संख्याएं होंगी, जिनके ठीक पहले एक अभाज्य संख्या और ठीक बाद एक प्रतीक होगा?

A. 4 ✓

B. 3

C. 5

D. 2

**Q2** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All phones are tablets.

No tablet is a calculator.

All drives are calculators.

**Conclusions:**

I. Some drives are phones.

II. Some calculators are phones.

III. No tablet is a drive.

A. Only conclusions I and III follow

B. Only conclusion II follows

C. Only conclusions I and II follow

D. Only conclusion III follows ✓

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**Q3** General Intelligence and Reasoning

If '+' means '÷', '–' means '×', '×' means '+', '÷' means '–', what will come in place of the question mark (?) in the following equation?

$16 + 4 - 8 \div 3 \times 2 = ?$

A. 31 ✓

B. 22

C. 23

D. 14

**Q4** General Intelligence and Reasoning HINDI - no English version saved

बिंदु A से बिंदु B तक पहुंचने के लिए, अनीता को पश्चिम की ओर 70 m चलना चाहिए, फिर उसे दाएं मुड़ना चाहिए और 70 m चलना चाहिए, फिर उसे बाएं मुड़ना चाहिए और 150 m चलना चाहिए, फिर उसे बाएं मुड़ना चाहिए और 70 m चलना चाहिए, फिर उसे बाएं मुड़ना चाहिए और 90 m चलना चाहिए, फिर उसे दाएं मुड़ना चाहिए और 100 m चलना चाहिए, और अंत में उसे बाएं मुड़ना चाहिए और 130 m चलना चाहिए। बिंदु B, बिंदु A से कितनी दूर और किस दिशा में है? (सभी मोड़ केवल 90 डिग्री वाले मोड़ हैं)

A. 100 m, उत्तर

B. 130 m, उत्तर

C. 100 m, दक्षिण ✓

D. 130 m, दक्षिण

**Q5** General Intelligence and Reasoning HINDI - no English version saved

निम्नांकित ग्राफ और तालिका तीन परीक्षाओं – परीक्षा 1 , परीक्षा 2 और परीक्षा 3 में तीन व्यक्तियों - A, B और C द्वारा प्राप्त अंकों को दर्शाते हैं। ग्राफ एवं तालिका का अध्ययन करें, और पूछे गए प्रश्न का उत्तर दें।




| | Test 1 | Test 2 | Test 3 |
|---|---|---|---|
| A | 45 | 50 | 75 |
| B | 35 | 65 | 80 |
| C | 40 | 45 | 65 |

(संदर्भ – Test – परीक्षा)

यदि परीक्षा 1 और परीक्षा 2, दोनों के लिए पूर्णांक 80 हैं, और परीक्षा 3 के लिए पूर्णांक 100 हैं, तो सभी तीनों परीक्षाओं के प्रदर्शन को देखते हुए, A ने C से कितने प्रतिशत अधिक अंक प्राप्त किए?

A. 8.2%

B. 7.69% ✓

C. 6.92%

D. 5.56%

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**Q6** General Intelligence and Reasoning

Based on the given statement, two conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $Z > R \geq Y > P = Q \leq N < S$

Conclusions:

1. $P > S$

2. $Z < Q$

A. Only conclusion 1 is true

B. Only conclusion 2 is true

C. Both conclusions 1 and 2 are true

D. Neither conclusion 1 nor 2 is true ✓

**Q7** General Intelligence and Reasoning HINDI - no English version saved

दिविज, पलक, रवनीत, सेजल और तपन एक वृत्ताकार मेज के परितः मेज के केंद्र की ओर मुख करके बैठे हैं। रवनीत और तपन के बीच में केवल पलक बैठी है। तपन, सेजल के दाईं ओर दूसरे स्थान पर है। रवनीत और दिविज के बीच में केवल सेजल है। तपन के बाईं ओर ठीक बगल में कौन बैठा/बैठी है?

A. दिविज ✓

B. पलक

C. रवनीत

D. सेजल

**Q8** General Intelligence and Reasoning

If 15 March 2022 was a Tuesday, what day of the week was 15 March 2020?

A. Saturday

B. Monday

C. Friday

D. Sunday ✓

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**Q9** General Intelligence and Reasoning

S, T, U, V, W and X live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 6.

V lives on the lowermost floor. X and U each live on an even numbered floor. T lives exactly between U and W. W lives on floor number 2. Who lives on floor number 5?

A. T

B. X

C. U

D. S ✓

**Q10** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(12, 15, 18)

(45, 35, 25)

A. (14, 28, 14)

B. (13, 10, 17)

C. (15, 20, 25) ✓

D. (19, 18, 1)

**Q11** General Intelligence and Reasoning HINDI - no English version saved

निम्न संख्या श्रेणी के आधार पर पूछे गए प्रश्न का उत्तर दीजिए।
5 1 2 6 3 8 6 5 3 6 5 3 2 5 6 9 5 1 7 2
उपरोक्त श्रेणी में ऐसी कितनी संख्याएं हैं, जिनमें से प्रत्येक के ठीक पहले एक सम संख्या है, और ठीक बाद भी एक सम संख्या है?

A. 2 ✓

B. 3

C. 5

D. 4

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**Q12** General Intelligence and Reasoning

P, Q, R, S, T, U and V live on seven different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is number 2, and so on till the topmost floor is numbered 7. Q lives on floor number 2. R lives on the floor immediately above U's floor. S is on the floor immediately below V's floor. Only three persons live between the floors of T and P. R lives on the topmost floor. Only one person lives between the floors of R and P. On which floor does P live?

A. Floor 2

B. Floor 3

C. Floor 4

D. Floor 5 ✓

**Q13** General Intelligence and Reasoning

Seven friends, P, Q, R, S, T, U and V, are sitting around a circular table. All are facing the centre of the table. Only R is sitting between Q and S. Only T is sitting between P and V. V is sitting third to the right of Q. V is third to the left of U. Who is sitting to the immediate right of R?

A. P

B. S ✓

C. T

D. V

**Q14** General Intelligence and Reasoning HINDI - no English version saved

निम्न अनुक्रम का ध्यानपूर्वक अध्ययन कीजिए, और उसके आधार पर पूछे गए प्रश्न का उत्तर दीजिए।

(बाएं) 3 ^ % 7 2 4 £ 3 ¥ 4 ƒ @ 8 8 & 6 @ 1 (दाएं)

उपरोक्त अनुक्रम में ऐसी कितनी संख्याएं हैं, जिनमें से प्रत्येक के ठीक बाद एक प्रतीक है, और ठीक पहले भी एक प्रतीक है?

A. 1

B. 2

C. 3 ✓

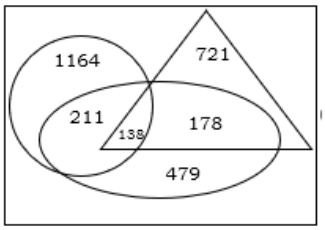
D. 4

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**Q15** General Intelligence and Reasoning HINDI - no English version saved

निम्नांकित चित्र में, आयत विद्यार्थियों को निरूपित करता है, वृत्त लड़कियों को निरूपित करता है, अंडाकृति कला संकाय को निरूपित करती है, और त्रिभुज खेलकूद को निरूपित करता है। विभिन्न भागों में दी गई संख्याएं, उस भाग से संबंधित व्यक्तियों की संख्या को दर्शाती हैं। कितनी लड़की-विद्यार्थियों ने कला संकाय का चयन किया है, और वे खेलकूद में भाग नहीं लेती हैं; तथा ऐसे कितने विद्यार्थी हैं, जो खेलकूद में भाग लेते हैं, किंतु वे लड़कियां नहीं हैं, और उन्होंने कला संकाय का चयन किया है?




A. 138 और 178, क्रमशः

B. 211 और 178, क्रमशः ✓

C. 479 और 211, क्रमशः

D. 138 और 479, क्रमशः

**Q16** General Intelligence and Reasoning HINDI - no English version saved

उस पद का चयन कीजिए, जो दी गई शृंखला में प्रश्न चिह्न (?) के स्थान पर आकर शृंखला को तार्किक रूप से पूर्ण करेगा?

UCK-4, WFO-9, YIS-19, ALW-39, ?

A. COA-77

B. COA-79 ✓

C. CPB-79

D. BOA-76

**Q17** General Intelligence and Reasoning HINDI - no English version saved

यदि संख्या 34135278 के प्रत्येक विषम अंक में 2 जोड़ा जाता है, और प्रत्येक सम अंक से 1 घटाया जाता है, तो बाएं से तीसरे और दाएं से तीसरे अंकों का योग क्या होगा?

A. 3

B. 7

C. 4 ✓

D. 1

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**Q18** General Intelligence and Reasoning HINDI - no English version saved

O, P, Q, R, S, T और U सात डिब्बे हैं, जिन्हें एक के ऊपर एक रखा गया है, किंतु उनका इसी क्रम में होना अनिवार्य नहीं है। R और P के बीच केवल एक डिब्बा रखा गया है। S और T के बीच केवल एक डिब्बा रखा गया है। P और Q के बीच केवल एक डिब्बा रखा गया है। Q को सबसे नीचे रखा गया है। T को Q के ठीक ऊपर रखा गया है। S और Q के बीच कितने डिब्बे रखे गए हैं?

A. एक

B. दो ✓

C. तीन

D. चार

**Q19** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $H > Y \geq S = X = A > W$

Conclusions:

I. $H < S$

II. $A \leq Y$

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true

**Q20** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

11, 21, 47, 97, 179,?

A. 231

B. 281

C. 295

D. 301 ✓

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**Q21** General Intelligence and Reasoning

In a certain code language, 'FUEL' is written as '50' and 'JEER' is written as '44'. How will 'FARE' be written in that language?

A. 40

B. 34

C. 38

D. 36 ✓

**Q22** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

124, 129, 136, 145, 156, ?

A. 165

B. 169 ✓

C. 168

D. 172

**Q23** General Intelligence and Reasoning

Select the correct combination of mathematical signs that can sequentially replace * to balance the following equation.

**20 * 4 * 6 * 2 * 14 * 18**

A. ÷, ×, =, +, +

B. +, =, ÷, ×, +

C. ÷, ×, −, =, ×

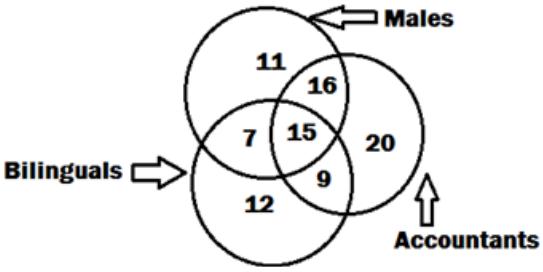
D. ÷, ×, +, =, + ✓

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**Q24** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such accountants are there who are also bilinguals?

A. 9

B. 15

C. 24 ✓

D. 22

**Q25** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(35, 12, 29)

(23, 16, 31)

A. (18, 12, 21)

B. (33, 30, 27)

C. (19, 8, 23) ✓

D. (21, 25, 29)

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**Q26** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

COWBOY : WOCYOB

TANGLE : NATELG

A. PICKLE : CIPLKE

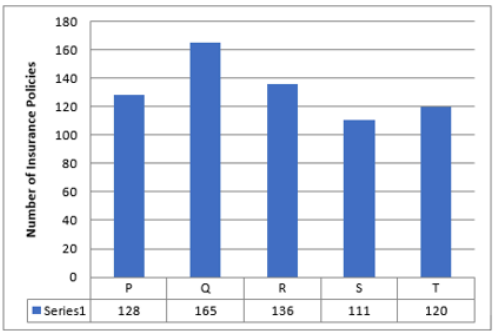
B. CROWDS : ORDWSC

C. MANGLE : NMALEG

D. FLOWER : OLFREW ✓

**Q27** General Intelligence and Reasoning

The following chart shows the numbers of insurance policies sold by five salespersons named P, Q, R, S and T. Study the chart and answer the question.




What is the percentage share of insurance policies sold by Q in the total insurance policies sold by all five salespersons?

A. 20%

B. 25% ✓

C. 30%

D. 28%

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**Q28** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/symbol | 9 | 5 | 3 | # | 6 | & | 7 | @ | % | 8 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | L | K | J | H | G | F | D | S | A | P | B |

Conditions:

(i) If the first two elements are numbers and the last is a symbol, then interchange the codes for the second number and the last symbol.

(ii) If the second element is a symbol and the last is a symbol, then all the symbols are to be coded as C.

(iii) If the question has any number which is immediately preceded by a prime number, then interchange the codes of the first and last number appearing in the question.

Question: 7 9 & 8 % # 3

A. JLFPAHD ✓

B. SLFPAHJ

C. DL&P%#J

D. DLGPSJJ

**Q29** General Intelligence and Reasoning

Suneet walked 10 m towards the north, then he turned left and walked 11 m, then from there he turned right and walked 13 m, and then he turned right again and walked 25 m. In which direction is Suneet facing now?

(All turns are 90 degree turns only)

A. East ✓

B. West

C. North

D. South

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**Q30** General Intelligence and Reasoning HINDI - no English version saved

एक कथन और उसके बाद दो तर्क I और II दिए गए हैं। कथन और तर्कों का ध्यानपूर्वक अध्ययन कीजिए, और दिए गए विकल्पों में से उचित उत्तर का चयन कीजिए।

**कथन:**

अपार्टमेंट परिसरों ने सूखे कचरे और गीले कचरे को अलग न करने वाले निवासियों पर भारी जुर्माना लगाने का निर्णय लिया है।

**तर्क:**

I. सरकार ने सभी मकान मालिकों के लिए गीले कचरे और सूखे कचरे को अलग करना अनिवार्य कर दिया है।

II. कचरा पृथक्करण को सुगम बनाने के लिए, सभी अपार्टमेंटों में सूखे कचरे और गीले कचरे के लिए अलग-अलग कूड़ेदान उपलब्ध कराए गए हैं।

A. तर्क I कथन का समर्थन नहीं करता है, जबकि तर्क II कथन का समर्थन करता है

B. तर्क II कथन का समर्थन नहीं करता है, जबकि तर्क I कथन का समर्थन करता है

C. तर्क I और II, दोनों कथन का समर्थन नहीं करते हैं

D. तर्क I और II, दोनों कथन का समर्थन करते हैं ✓

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**Q1** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

TORPEDO : DEOOPRT

FLICKER : CEFIKLR

A. CLOSURE : OLCERUS

B. PERTAIN : AEINPRT ✓

C. CURTAIN : RUCNIAT

D. CYNICAL : ACCLINY

**Q2** General Intelligence and Reasoning

Four friends Ramniwas, Ramesh, Ramsingh and Raman received their PhD degrees in consecutive months of the same calendar year. Ramniwas received his degree exactly one month prior to Ramsingh. Raman received his degree exactly one month after Ramesh. Ramniwas received his degree in September and Raman did not obtain his degree before Ramniwas. In which month did Ramesh receive his degree?

A. October

B. November ✓

C. December

D. August

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**Q3** General Intelligence and Reasoning

A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the given assumptions is/are implicit in the statement.

**Statement:**

The demand for smartphones and laptops has increased substantially since the introduction of online classes in schools.

**Assumptions:**

I. People are buying smartphones and laptops to enable their children to attend online classes

II. Desktop computers cannot be used to attend online classes.

A. Only assumption I is implicit ✓

B. Only assumption II is implicit

C. Neither assumption I nor II is implicit

D. Both assumptions I and II are implicit

**Q4** General Intelligence and Reasoning

From point X, a girl walks 70 m towards the north. Then, she takes a left turn and walks 150 m. Then, she takes a left turn and walks 70 m. Then, she takes another left turn and walks 90 m. She then takes a right turn and walks 100 m. Finally, she takes a left turn and walks 60 m to reach point Z. How far and in which direction is point Z from point X? (All turns are 90 degree turns only)

A. 60 m, North

B. 60 m, South

C. 100 m, North

D. 100 m, South ✓

**Q5** General Intelligence and Reasoning

Study the given letter, symbol series and answer the question that follows.

L @ S * E ^ B U # W I < E M @ O S # B * H ! A & L < O

If we replace each of the vowels with any consonant and similarly if we replace each of the consonants in the original series with any vowel, then how many consonants will be immediately followed by a symbol in the resultant series thus formed?

A. 4

B. 5 ✓

C. 6

D. 7

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**Q6** General Intelligence and Reasoning

Each of W, X, Y, Z, A, B and C has a wedding to attend on a different day of a week starting from Monday to Sunday of the same week. C has to attend wedding immediately after A. Y has to attend a wedding on one of the days before B and W. Only Z has to attend a wedding before A. X has to attend a wedding on Friday. B does not have to attend a wedding on Sunday. On which day of the week does Y have to attend a wedding?

A. Thursday ✓

B. Saturday

C. Wednesday

D. Sunday

**Q7** General Intelligence and Reasoning

Which of the following alphanumeric clusters will replace the question mark (?) in the series to make it logically complete?

1 AZC 2, 3 DYF 4, 7 GXI 8, ?

A. 15 IVK 16

B. 13 IWK 14

C. 13 IJK 14

D. 15 JWL 16 ✓

**Q8** General Intelligence and Reasoning

Eight friends, A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Four of them are sitting at the corners while the other four are sitting at the exact centre of sides of the table. Both A and C are sitting at the opposite corners. F and D are sitting at the opposite corners. Only G is between A and F. Only B is between A and D. H is to the immediate left of C. G is to the immediate right of F. E is second to right of H. D is second to left of C. D is third to left of E. Who is sitting second to left of B?

A. E

B. F

C. G ✓

D. H

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**Q9** General Intelligence and Reasoning

P, Q, R, S and T are sitting in a straight line, facing north. S is an immediate neighbour of both P and R. R is an immediate neighbour of both S and Q. Q is an immediate neighbour of both R and T. Who are the immediate neighbours of Q?

A. S and R

B. R and T ✓

C. S and T

D. P and R

**Q10** General Intelligence and Reasoning

If 2 is subtracted from each odd digit and 1 is added to each even digit in the number 83252769, how many digits will occur more than once in the new number thus formed?

A. None

B. One

C. Two ✓

D. Three

**Q11** General Intelligence and Reasoning

Gayatri starts walking from her home and goes 100 m towards the south direction. She then turns right and walks 120 m. She then turns right and walks 100 m. She finally turns right again and walks 180 m. How far is she now from the starting point? (All turns are 90 degree turns only)

A. 100 m

B. 50 m

C. 60 m ✓

D. 90 m

**Q12** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

3, 7, 13, 21, 31, ?

A. 41

B. 42

C. 43 ✓

D. 44

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**Q13** General Intelligence and Reasoning

What will come in place of the question mark (?) in the following equation, if '–' is interchanged with '×' and '÷' is interchanged with '+'?

$6 \div 16 \times 4 \div 9 - 8 + 2 \times 7 = ?$

A. 43

B. 38

C. 47 ✓

D. −11

**Q14** General Intelligence and Reasoning

In a certain code language, PRECIOUS is written as KIVXRLFH and CLEAR is written as XOVZI. How will DIRTYING be written in the same language?

A. WRIGBRMT ✓

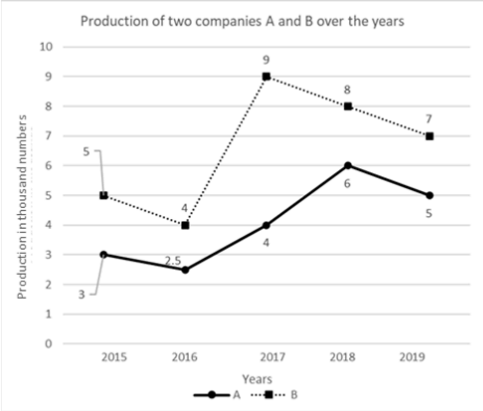
B. WRIFBRMS

C. VRIGBROT

D. WHSGBRMT

**Q15** General Intelligence and Reasoning

Study the following graph carefully and answer the question.




For company A, what is the approximate percentage decrease in production from 2015 to 2016?

A. 25%

B. 20% ✓

C. 15%

D. 22%

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**Q16** General Intelligence and Reasoning

Study the given letter, symbol series and answer the question that follows.

L @ S * J ^ B U # W R < E @ N $ # B * H ! A & L < W Q

How many symbols are immediately followed by a consonant and immediately preceded by a vowel?

A. 1

B. 2

C. 3 ✓

D. 4

**Q17** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $T > G < E > F = B \leq Z$

Conclusions:

I. $F = Z$

II. $E > B$

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true

**Q18** General Intelligence and Reasoning

In a certain code language, TRY is written as 63 and NOT is written as 49. How will DUG be written in the same language?

A. 30

B. 32 ✓

C. 36

D. 40

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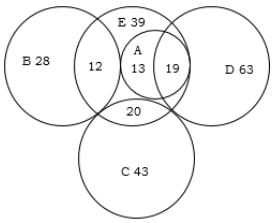
**Q19** General Intelligence and Reasoning

Study the diagram and answer the question that follows. A = Academicians, E = Teachers, D = Women, B = Men and C = Doctors. The numbers inside the shapes indicate number of the respective persons. What is the sum total number of the following:

i)women academicians who are teachers

ii)teachers who are doctors and

iii)men who are NEITHER teachers NOR academicians?




A. 67 ✓

B. 41

C. 64

D. 63

**Q20** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

8 : 14 :: 12 : 22 :: 21 : ?

A. 40 ✓

B. 26

C. 42

D. 18

**Q21** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

14, 14, 17, 85, 92,?

A. 418

B. 628

C. 828 ✓

D. 924

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**Q22** General Intelligence and Reasoning

If '+' means '–', '–' means '÷', '÷' means '×' and '×' means '+', what will come in place of the question mark (?) in the following equation?

$25 \times 35 - 5 + 7 \div 2 = ?$

A. 14

B. 16

C. 18 ✓

D. 19

**Q23** General Intelligence and Reasoning

V, W, X, Y, Z and A are six singers who have their concerts in different days of the same month, viz. 12th, 14th, 16th, 21st, 25th and 31st of July.

W has his concert on one of the days before X, but not on 21st. V has his concert on 14th. Only A has his concert after X. Y has his concert before V. Who has the concert on 21st of July?

A. Y

B. A

C. X

D. Z ✓

**Q24** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $G \geq P > T \geq S > K = N < D$

A. $G > T$ ✓

B. $P > D$

C. $N > T$

D. $G \geq D$

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**Q25** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

**Statements:**

1. All springs are brooks.
2. Some brooks are creeks.
3. No creek is tap.

**Conclusions:**

I. Some taps are creeks.

II. No spring is tap.

III. Some brooks are springs.

A. Only conclusions I and II follow.

B. Only conclusions II and III follow.

C. Only conclusion I follows.

D. Only conclusions III follows. ✓

**Q26** General Intelligence and Reasoning

Amit's son was born on 10 January 2012. On what day of the week was he born?

A. Monday

B. Tuesday ✓

C. Wednesday

D. Thursday

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**Q27** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(4, 25, 6)

(3, 28, 9)

A. (3, 81, 6)

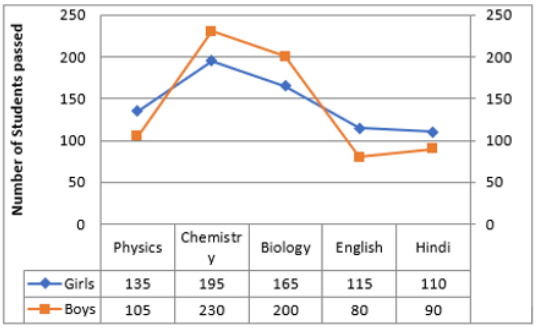
B. (7, 22, 3) ✓

C. (14, 55, 4)

D. (12, 96, 8)

**Q28** General Intelligence and Reasoning

The graph and the table below show the number of boys and girls passed in five different subjects i.e. Physics, Chemistry, Biology, English and Hindi.




| | Physics | Chemistry | Biology | English | Hindi |
|---|---|---|---|---|---|
| Girls | 135 | 195 | 165 | 115 | 110 |
| Boys | 105 | 230 | 200 | 80 | 90 |

What is the ratio of the girls who have passed in Physics, Chemistry and Biology respectively?

A. 9 : 13 : 11 ✓

B. 9 : 15 : 13

C. 8 : 11 : 14

D. 9 : 13 : 8

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**Q29** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

(Left) T Y A N E C M K E W A F H E Q A P M N B E D H E K U W S D A N M A W E (Right)

How many such consonants are there in the series which are immediately preceded by a vowel and also immediately followed by a vowel?

A. Three

B. Four

C. Five ✓

D. Six

**Q30** General Intelligence and Reasoning

Three statements are followed by four conclusions numbered I, II, III and IV. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

**Statements:**

1. Some carnations are petunias.
2. All petunias are sunflowers.
3. Some sunflowers are not carnations.

**Conclusions:**

I. Some sunflowers are carnations.

II. All carnations are sunflowers.

III. All petunias are carnations.

IV. No sunflower is carnation.

A. Only conclusions I follows ✓

B. Only conclusions II and III follow.

C. Only conclusions I and IV follow.

D. Only conclusion IV follows.

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**Q1** General Intelligence and Reasoning

A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the given assumptions is/are implicit in the statement.

**Statement:**

Essay writing is an art. It requires an understanding of the subject as well as a command over the language to be able to write a good essay.

**Assumptions:**

I. Essays cannot be written without complete mastery over the subject.

II. Anyone with a good command over the language can write a good essay.

A. Only assumption I is implicit

B. Only assumption II is implicit

C. Neither assumption I nor II is implicit ✓

D. Both assumptions I and II are implicit

**Q2** General Intelligence and Reasoning

Six girls decided to record a video of their talks, one on each separate day of the same week. Sunday will be a rest day. P said Friday will suit her. U will start the process and record on Monday. S will record immediately before T. Q will record on a day exactly between the days of U and S. T selected Thursday. Which day is left for R to record the video?

A. Monday

B. Wednesday

C. Thursday

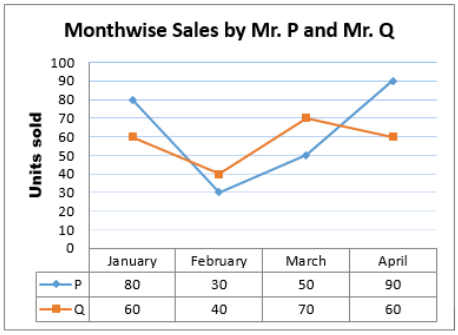
D. Saturday ✓

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**Q3** General Intelligence and Reasoning

The graph and the table below show the units sold by two salesmen, Mr. P and Mr. Q, in 4 months from January to April. Study the graph and the table and answer the question.




| | January | February | March | April |
|---|---|---|---|---|
| P | 80 | 30 | 50 | 90 |
| Q | 60 | 40 | 70 | 60 |

What is the respective ratio of the total units sold by Mr. P and Mr. Q during the 4 months?

A. 25 : 23 ✓

B. 25 : 27

C. 24 : 23

D. 23 : 21

**Q4** General Intelligence and Reasoning

If '+' means ' ÷ ', '−' means ' + ', ' × ' means ' − ' and '÷' means ' × ', then what will be the value of the following expression?

$[\{(23 \times 15) - (1 \div 4)\} + (2 - 2)] \div 2$

A. 4

B. 6 ✓

C. 8

D. 10

**Q5** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

0, 2, 6, 12, 20, ?

A. 30 ✓

B. 35

C. 28

D. 34

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**Q6** General Intelligence and Reasoning

How many times are the hour and the minute hands of a clock at a right angle in a period of two days?

A. 77

B. 88 ✓

C. 92

D. 48

**Q7** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $H = W > F \geq S \geq T > Y$

A. $Y < S$ ✓

B. $H < F$

C. $W < T$

D. $T \geq F$

**Q8** General Intelligence and Reasoning

Eight friends Kriti, Durga, Manasi, Surya, Tahira, Vritti, Ahana and Yoshita are sitting around an square table in such a way that four friends are sitting on the corners of the table while the other four are sitting at the exact centre of sides of the table. All are facing the centre of the table. Surya is sitting at the third place to right of Durga. Only Tahira is between Kriti and Durga. Manasi is second to left of Durga. Only Vritti is sitting between Surya and Yoshita. Yoshita is second to left of Ahana. Vritti is second to left of Manasi. Who is sitting third to left of Tahira?

A. Ahana

B. Manasi ✓

C. Surya

D. Yoshita

**Q9** General Intelligence and Reasoning

30 people are standing in a queue facing north. Manoj is standing at the $11^{th}$ position from the front. Shahin is standing at the $7^{th}$ position from the back. Neeraj is standing exactly in front of Shahin. How many people are standing between Neeraj and Manoj?

A. 11 ✓

B. 12

C. 10

D. 13

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**Q10** General Intelligence and Reasoning

Given below are three statements and three conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion/s follow/s the given statements.

Statements:

I. All grasses are shrubs.

II. All roots are fruits.

III. All fruits are flowers.

Conclusions:

I. All grasses are flowers.

II. All roots are flowers.

III. Some flowers are fruits.

A. Only conclusion I follows

B. Conclusions II and III follow ✓

C. Only conclusion III follows

D. All the conclusions follow

**Q11** General Intelligence and Reasoning

Anita is standing facing the north direction. Then, she turns $135^\circ$ anticlockwise. After that, she turns $90^\circ$ clockwise. In which direction is she facing now?

A. North-west ✓

B. South-west

C. North-east

D. South-east

**Q12** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below:

(Left) 158 438 182 325 230 (Right)

If 5 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the second digit?

A. 1

B. 2 ✓

C. 3

D. 4

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**Q13** General Intelligence and Reasoning

Among six persons, P, Q, R, S, T and U, each one has a different weight. The weight of Q is more than only two other persons. The weight of P is more than U's weight. The weight of S is more than Q's weight. The weight of R is less than the weight of T. The weight of Q is more than the weight of T. U has the second highest weight among all the six persons. Who has the third highest weight among all six persons?

A. P

B. S ✓

C. R

D. T

**Q14** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts, and decide which of the given conclusions logically follow/s from the given statements.

Statements:

All donkeys are zebras.

Some bulls are cats.

Some donkeys are apes.

Conclusions:

(I) Some zebras are bulls.

(II) Some zebras are apes.

(III) Some donkeys are cats.

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Only conclusion III follows

D. None of the conclusions follow

**Q15** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word 'DIRECT' is arranged in alphabetical order?

A. None

B. One ✓

C. Two

D. Three

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**Q16** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

BEING : YVRMT : : PRIDE : KIRWV : : CLEAN : ?

A. XPVRM

B. GOVZP

C. XOVZM ✓

D. XOWZM

**Q17** General Intelligence and Reasoning

In a certain code language, 'GLEPK' is written as 'DIBMH' and 'QRYHN' is written as 'NOVEK'. How will 'POTER' be written in that language?

A. LMPOB

B. LMQOB

C. MLPOB

D. MLQBO ✓

**Q18** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(1, 8, 3)

(2, 21, 5)

A. (7, 128, 10)

B. (2, 26, 3)

C. (4, 33, 7) ✓

D. (5, 112, 11)

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**Q19** General Intelligence and Reasoning

Janhvi starts walking from her home and goes 45 m towards the west. She then turns right and walks 32 m. Then, she turns right and walks 88 m. After that, she turns right and walks 50 m. Finally, she turns right again and walks 43 m. How far and in which direction is she now from her home? (All turns are 90 degree turns only)

A. 16 m, South

B. 45 m, North

C. 18 m, North

D. 18 m, South ✓

**Q20** General Intelligence and Reasoning

Which two numbers should be interchanged to make the given equation correct?

$7 \times 8 + 9 - 6 \div 3 = 59$

A. 7 and 3

B. 8 and 9

C. 6 and 9 ✓

D. 3 and 6

**Q21** General Intelligence and Reasoning

Three statements are followed by four conclusions numbered I, II, III and IV. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

**Statements:**

1. All couriers are shipments.
2. All shipments are transports.
3. No haul is transport.

**Conclusions:**

I. No transport is shipment.

II. All couriers are transports.

III. Some transports are shipments.

IV. No courier is haul.

A. Only conclusions II and IV follow.

B. Only conclusions I and IV follow.

C. Only conclusions II, III and IV follow. ✓

D. All conclusions follow.

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**Q22** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

11 : 130 : : 7 : 58 : : 15 : ?

A. 216

B. 224

C. 234 ✓

D. 248

**Q23** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

5, 13, 23, 49, ? , 193

A. 82

B. 95 ✓

C. 105

D. 120

**Q24** General Intelligence and Reasoning

P, Q, R, S, T, U and V live on seven different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 7. U lives on the top floor. Only two persons live between T and Q. Q is on floor number 3. V lives on the floor immediately above P's floor. S lives on the floor immediately above R's floor. Q lives on the floor immediately below R's floor. Who lives on floor number 6?

A. R

B. S

C. T ✓

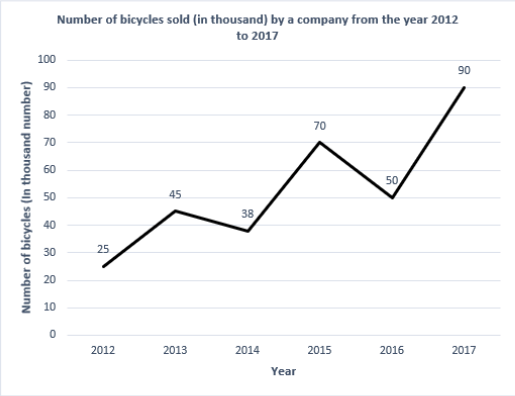
D. V

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## Q25 General Intelligence and Reasoning

Study the following line graph carefully and answer the given question.




The number of bicycles sold in 2013 is approximately what percent of the number of bicycles sold in 2017?

A. 100%

B. 10%

C. 50% ✓

D. 45%

## Q26 General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/Symbol | 5 | 6 | 8 | 3 | % | # | 7 |
|---|---|---|---|---|---|---|---|
| Codes | U | S | C | K | D | T | A |

Conditions:

(i) If the first element is an odd number and the last element is an even number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the second element is a symbol and the fifth element is an even number, the codes for these two (the second and the fifth elements) are to be interchanged.

(iii) If the third element is a number and the fourth element is a symbol, both these elements (the third and the fourth elements) are to be coded as W.

Question: 5 # % 6 7 # 3 8

A. U T D S A T K C

B. C A D S T T K U

C. C T D S A T K U ✓

D. C T W W A T K U

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**Q27** General Intelligence and Reasoning

If '+' means '–', '–' means '÷', '÷' means '×' and '×' means '+', what will come in place of the question mark (?) in the following equation?

$12 \div 6 + 28 - 7 \times 14 = ?$

A. 72

B. 82 ✓

C. 80

D. 78

**Q28** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word 'LAMENT' is arranged in alphabetical order?

A. None

B. One

C. Two ✓

D. Three

**Q29** General Intelligence and Reasoning

A, B, C, D, E and F were six friends playing games around a circular table. They were standing facing the centre of the table. E was standing to the immediate left of A. C was second to the left of F. There were exactly two people between D and A. B was at the immediate right of A. Which friend was at the immediate right of F?

A. C

B. A

C. D

D. E ✓

**Q30** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

B _ M _ Q _ V M W _ B V M W _ B V _ _ T

A. V W V R S M R

B. V W B R S M W ✓

C. V W V R R M W

D. V W B V S W M

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**Q1** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

2, 14, 70, 210, ?

A. 410

B. 630

C. 210 ✓

D. 420

**Q2** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$26.52 \times 3.89 - 7.79 \times 2 + 27.39 = ?$

A. 119 ✓

B. 136

C. 82

D. 181

**Q3** General Intelligence and Reasoning

L, K, J, H, G, F, D and S live on eight different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 8. L lives exactly one floor above K and exactly one floor below G. Only K lives between H and L, whereas H lives exactly one floor above J. Only D lives between S and J. F lives on the $8^{th}$ floor, while S lives on the $1^{st}$ floor.

On which floor does K live?

A. $7^{th}$

B. $5^{th}$ ✓

C. $4^{th}$

D. $3^{rd}$

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**Q4** General Intelligence and Reasoning

Q started from a point and walked towards the south for 42 m, then from there he turned right and walked 2 m, then he turned right again and walked 30 m, and then turned left and walked 10 m. In which direction is Q facing now?

(All turns are 90 degree turns only)

A. East

B. West ✓

C. North

D. South

**Q5** General Intelligence and Reasoning

Which of the following alphanumeric clusters will replace the question mark (?) in the series to make it logically complete?

BE 2, GJ 3, LO 5, QT 7, ?

A. VY 6

B. VY11 ✓

C. WX 6

D. WX 7

**Q6** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. Some avalanches are precipitations.
2. Some cataclysms are avalanches.
3. All avalanches are storms.

Conclusions:

I. Some storms are cataclysms.

II. No precipitation is storms.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Neither conclusion I nor II follows

D. Both conclusions I and II follow

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**Q7** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(12, 51, 5)

(5, 36, 7)

A. (19, 44, 3)

B. (13, 10, 7)

C. (14, 120, 16)

D. (11, 51, 6) ✓

**Q8** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: K = U = R > N > E > G < W

A. K < N

B. G < R ✓

C. W < N

D. K = N

**Q9** General Intelligence and Reasoning

P, Q, R, S and T are sitting in a straight row, facing north. Neither Q nor S sit at the exact central position of the row. R is adjacent to S, while P and T are sitting at the extreme ends of the row. Who is sitting at the exact central position of the row?

A. R ✓

B. Q

C. S

D. T

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**Q10** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing the north. Only 7 persons sit between F and U. F is at one of the extreme ends of the row. Only 9 persons sit between H and U. Only 12 persons sit between E and H. E is at the extreme right end. H is at the $19^{th}$ position from the extreme left end. H is $14^{th}$ from the extreme right end. If no other person is sitting in the row, what is the total number of persons seated?

A. 31

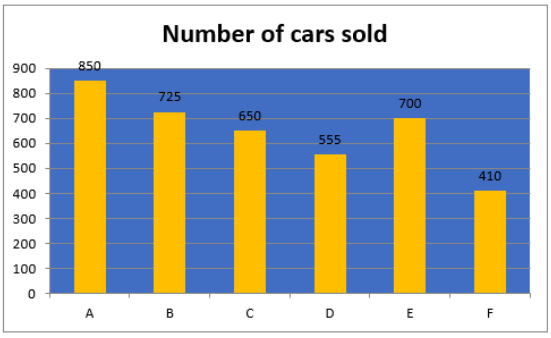
B. 32 ✓

C. 33

D. 34

**Q11** General Intelligence and Reasoning

The following chart shows the numbers of cars sold by a company at its six branches named A, B, C, D, E and F. Study the chart and answer the question.




For how many branches was the sale of the cars above the average sale for all six branches?

A. Two

B. Three

C. Four ✓

D. Five

**Q12** General Intelligence and Reasoning

In a certain code language, 'LEFT' is written as 'VGFN' and 'DESK' is written as 'MTFF'. How will 'HELP' be written in that language?

A. QMFJ

B. RMFJ ✓

C. RNFJ

D. SMFJ

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**Q13** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

13, 21, 33, 54, 91,?

A. 153 ✓

B. 162

C. 175

D. 183

**Q14** General Intelligence and Reasoning

Based on the given statement, two conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $B \geq M > G$, $S < G \geq Y = L$

Conclusions:

1. $B > Y$

2. $M = L$

A. Only conclusion 1 is true ✓

B. Only conclusion 2 is true

C. Both conclusions 1 and 2 are true

D. Neither conclusion 1 nor 2 is true

**Q15** General Intelligence and Reasoning

G, H, I, J, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 6, the floor above it is numbered 5, and so on till the topmost floor is numbered 1.

J lives on an even numbered floor. G and K each live on an odd numbered floor. I lives on floor number 2. H lives on an odd numbered floor, immediately above L and immediately below I. G does not live on the topmost floor. Who lives on the lowermost floor?

A. J ✓

B. L

C. G

D. K

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**Q16** General Intelligence and Reasoning

The table given below shows the record of the number of students who got selected in the entrance exam of M.Phil. in a particular central university from five different states of India over the years. Study the table and answer the question.

| States / Years | Kashmir | Bihar | MP | Punjab | Delhi |
|---|---|---|---|---|---|
| 2017 | 300 | 440 | 250 | 350 | 280 |
| 2018 | 400 | 400 | 280 | 400 | 320 |
| 2019 | 450 | 350 | 240 | 260 | 260 |
| 2020 | 500 | 380 | 400 | 320 | 400 |
| 2021 | 430 | 420 | 540 | 280 | 350 |

The number of students who got selected in 2020 from Bihar was approximately what percentage of the total number of students who got selected from Delhi for all the years together?

A. 15.5%

B. 23.6% ✓

C. 20.5%

D. 15.0%

**Q17** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

3 : 12 :: 25 : 78 :: 21 : ?

A. 63

B. 66 ✓

C. 42

D. 48

**Q18** General Intelligence and Reasoning

In a certain code language, TRIP is written as WULS and SOME is written as VRPH. How will CLAN be written in the same language?

A. FPDQ

B. FOEQ

C. FODQ ✓

D. FODR

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**Q19** General Intelligence and Reasoning

How many such pairs of letters are there in the word 'CAPITAL' (in both forward and backward directions) each of which have as many letters between them in the word as there are in the English alphabetical order?

A. 1

B. 2 ✓

C. 3

D. 4

**Q20** General Intelligence and Reasoning

Read the given statement and conclusions carefully. Assuming that the information given in the statements is true, decide which of the given conclusions logically follow(s) from the statement.

**Statement:**

Cyclone Sepa is expected to make landfall by 3 p.m. today on the Balasore coast. Rough seas, heavy rain and strong winds are expected to lash Balasore from 11 a.m. onwards. Power supply in Balasore is likely to be affected from 2 p.m. to 9 p.m.

**Conclusions:**

I. There could be power cuts in Balasore after 3 p.m. today.

II. It would be unsafe for fishermen to venture out into the sea today, till the cyclone passes.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows

D. Both conclusions I and II follow ✓

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**Q21** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts, and decide which of the given conclusions logically follow/s from the given statements.

Statements:

All toys are plastics.

All plastics are disposables.

Some toys are fibres.

Conclusions:

(I) Some fibres are plastics.

(II) Some disposables are fibres.

(III) No fibre is a disposable.

A. Only conclusions I and II follow ✓

B. Only conclusions II and III follow

C. Either conclusion I or conclusion III follows

D. None of the conclusions follow

**Q22** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$48.9 \times 3.95 - 2.97 + 17.86 = ?$

A. 140

B. 125

C. 211 ✓

D. 250

**Q23** General Intelligence and Reasoning

Study the given letter, symbol series and answer the question that follows.

L @ S O J ^ B U # W R < E M @ N U # B * H ! A & L E W % H & G A * S A # L D

How many consonants are immediately preceded by a symbol and immediately followed by a vowel?

A. 5

B. 4

C. 6 ✓

D. 3

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**Q24** General Intelligence and Reasoning

What is the angle traced by the hour hand in 23 minutes?

A. $11.5^\circ$ ✓

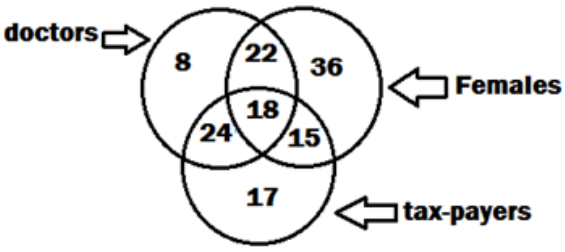
B. $12^\circ$

C. $12.5^\circ$

D. $13^\circ$

**Q25** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such females are there who are also tax-payers but NOT doctors?

A. 18

B. 15 ✓

C. 33

D. 40

**Q26** General Intelligence and Reasoning

Study the given letter series and answer the question that follows.

K I O X J E T R U L E B A C K J M N

How many such vowels are there each of which is immediately followed by atleast two consonants appearing together in the above series?

A. 1

B. 2

C. 3 ✓

D. 4

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**Q27** General Intelligence and Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

$8 - 13 + 18 \div 9 \times 3 = ?$

A. 33

B. −33 ✓

C. 32

D. −32

**Q28** General Intelligence and Reasoning

What is the angle traced by the hour hand in 18 minutes?

A. X

B. Y

C. B

D. Z ✓

**Q29** General Intelligence and Reasoning

Vikas took a bus from a bus stop. The bus travelled 50 m towards the west. Then, it took a right turn and travelled 70 m. Then, it took a left turn and travelled 15 m. Then, it took a left turn and travelled 30 m. Then, it took a left turn and travelled 35 m. Then, it took a right turn and travelled 10 m. Finally, it took a left turn and travelled 30 m to reach the school. How far and in which direction is the bus stop from the school ? (All turns are 90 degree turns only)

A. 30 m, South ✓

B. 30 m, North

C. 40 m, South

D. 40 m, East

**Q30** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

SMILE : ELIMS :: MASTE : ETSAM :: STARV : ?

A. SRVAT

B. VRTAS

C. VTARS

D. VRATS ✓

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## General Intelligence and Reasoning

30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/symbol | 4 | % | 7 | 3 | # | * | 9 | @ | 6 |
|---|---|---|---|---|---|---|---|---|---|
| Code | X | N | B | J | H | L | Y | F | R |

Conditions:

(i) If the first element is an even number and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last an even number, the first and last elements are to be retained as it is (i.e first and last elements won't get coded).

Question: 7 * % 3 @ 6

A. BLNJFR

B. 7YNJF6

C. BLN3FR

D. 7LNJF6 ✓

**Q2** General Intelligence and Reasoning

From point X, a person walks 45 m towards the east. He then takes a left turn and walks 40 m. He then takes a right turn and walks 90 m. He then takes a right turn and walks 60 m. Finally, he takes a right turn and walks 135 m to reach point Y. How far and in which direction is point X from point Y? (All turns are 90 degree turns only)

A. 20 m, South

B. 20 m, North ✓

C. 15 m, South

D. 15 m, North

**Q3** General Intelligence and Reasoning

Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only two boxes are kept between G and B. B is kept at the bottom. C is kept on one of the positions above D. F is kept immediately above D. A is kept fifth from the bottom. E is kept at the top. How many boxes are kept between D and A?

A. One

B. Two ✓

C. Three

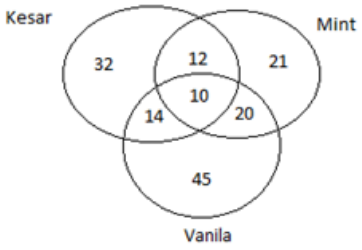
D. Four

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**Q4** General Intelligence and Reasoning

Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of people who like different flavours of ice-cream.




How many people like Mint but NOT Kesar flavoured ice-cream?

A. 21

B. 33

C. 41 ✓

D. 51

**Q5** General Intelligence and Reasoning

A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the given assumptions is/are implicit in the statement.

**Statement:**

Due to the failure of the main grid, power supply to many parts of the city was affected.

**Assumptions:**

I. The main grid is responsible for transmission of power to different parts of the city.

II. Most people have backup power installations at their homes to manage during times when power supply is disrupted.

A. Only assumption I is implicit ✓

B. Only assumption II is implicit

C. Neither assumption I nor II is implicit

D. Both assumptions I and II are implicit

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**Q6** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

PORTUGAL : UTRPOLGA : : URANUS : UUSRNA : : AMRITSAR : ?

A. TSMIRRAA

B. AATRRSMI

C. TRRSMIAA

D. TSRRMIAA ✓

**Q7** General Intelligence and Reasoning

Six friends, K, L, M, N, O and P, are sitting around a circular table facing the centre of the table. O is second to the left of N. P is second to the right of K. M is to the immediate right of L. N and L are immediate neighbours. Who is sitting to the immediate right of P?

A. O

B. L

C. K

D. N ✓

**Q8** General Intelligence and Reasoning

If '+' means '–' , '–' means '÷' , '÷' means '×' and '×' means '+', what will come in place of the question mark (?) in the following equation?

$18 - 3 \times 14 \div 2 + 12 = ?$

A. 19

B. 21

C. 22 ✓

D. 24

**Q9** General Intelligence and Reasoning

In a certain code language, 'SIGMA' is written as 'FVTZN' and 'FNYRQ' is written as 'SALED'. How will 'ARJUN' be written in that language?

A. NEWHA ✓

B. BPWAH

C. EWNAH

D. WENAH

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**Q10** General Intelligence and Reasoning

In a queue of travellers at the emigration counter facing north, Pankaj is 9th from the extreme left end and Puja is 17th from extreme right end. If the positions of Pankaj and Puja are interchanged, then the new position of Pankaj will be 15th from the extreme left end. Find the number of travellers between Puja and Pankaj.

A. 4

B. 5 ✓

C. 6

D. 3

**Q11** General Intelligence and Reasoning

Five friends A, B, C, D and E are sitting in a straight row, facing north. A is not at the exact centre position of the row. C is second from one extreme end, while fourth from the other extreme end. B and D sit at the extreme ends of the row. Who sits at the exact centre position of the row?

A. E ✓

B. A

C. C

D. D

**Q12** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $J \leq H \leq G = R > Z = E > D$

A. $Z < D$

B. $D > R$

C. $H > R$

D. $J \leq G$ ✓

**Q13** General Intelligence and Reasoning

Study the given number series and answer the question that follows.

2 6 7 4 9 3 6 5 1 9 5 2 4 5 9 4 2 3 7 1

How many even numbers are immediately preceded by an odd number and immediately followed by a prime number?

A. 1

B. 2 ✓

C. 3

D. 4

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**Q14** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 are not allowed.)

(80, 16, 20)

(144, 36, 24)

A. (122, 12, 6)

B. (512, 25, 16)

C. (189, 49, 27) ✓

D. (224, 36, 40)

**Q15** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

1. All jokers are circuses.
2. All circuses are equestrians.
3. Some jokers are spectacles.

**Conclusions:**

I. Some equestrians are spectacles.

II. Some circuses are jokers.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows

D. Both conclusions I and II follow ✓

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**Q16** General Intelligence and Reasoning

Each vowel in the word 'EXPLAIN' is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter, thus formed, is arranged in alphabetical order, which letter will be third from the right end?

A. M ✓

B. O

C. Q

D. Y

**Q17** General Intelligence and Reasoning

Which of the following number will replace the question mark (?) and complete the given number series?

4, 5, 12, 39, 160, ?

A. 850

B. 805 ✓

C. 800

D. 804

**Q18** General Intelligence and Reasoning

If '+' means '×', '×' means '÷', '÷' means '–', and '–' means '+', what will come in place of the question mark (?) in the following equation?

$13 - 17 + 24 \div 54 \times 18 + 28 \times 14 = ?$

A. 225

B. 380

C. 415 ✓

D. 510

**Q19** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

17, 30, 44, 59, 75,?

A. 85

B. 92 ✓

C. 102

D. 111

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**Q20** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

64 : 81 :: 121 : 144 :: 169 : ?

A. 216

B. 200

C. 225

D. 196 ✓

**Q21** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

B _ X T _ _ H Y _ M B _ Z _ M

A. MHBHTT

B. TMHBHT

C. HMBTHT ✓

D. BMHHTT

**Q22** General Intelligence and Reasoning

Umesh is standing facing the south-west direction. He then takes a $90^\circ$ clockwise turn. After that, he takes a $135^\circ$ clockwise turn. He finally takes a $90^\circ$ anticlockwise turn. In which direction is he facing now?

A. North-east

B. North-west

C. North ✓

D. West

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**Q23** General Intelligence and Reasoning

This question is based on the following 3-digit numbers.

543 769 552 342 245

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

If in each of the numbers, 1 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the third digit of the same number?

A. Two

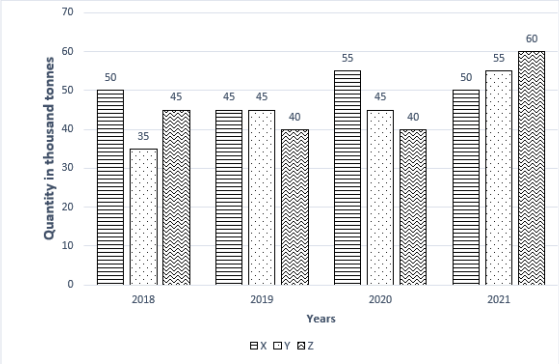
B. Three ✓

C. Four

D. Five

**Q24** General Intelligence and Reasoning

The bar graph given below shows the data on the production of milk products (in thousand tonnes) by three branches, X, Y and Z, of a dairy product company over the years. Study the graph and answer the question.




For which branch(es) of the dairy product company was the average production for the given 4 years the minimum?

A. Branch X

B. Branch Y ✓

C. Branch Z

D. Branches Y and Z

**Q25** General Intelligence and Reasoning

If '+' means '÷', '–' means '×', '×' means '+', '÷' means '–', what will come in place of the question mark (?) in the following equation?

$9 \times 8 + 4 - 8 \div 5 = ?$

A. 35

B. 18

C. 23

D. 20 ✓

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**Q26** General Intelligence and Reasoning

Based on the given statement, four conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $Y < O \leq G \leq K = U > L > P$

A. $O = P$

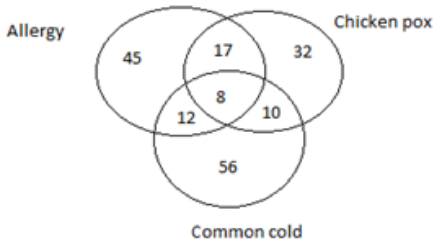
B. $Y > L$

C. $K > P$ ✓

D. $G = Y$

**Q27** General Intelligence and Reasoning

Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons who have suffered from different diseases.




How many people have suffered from both Allergy and Chicken pox but NOT Common cold?

A. 25

B. 17 ✓

C. 32

D. 45

**Q28** General Intelligence and Reasoning

If 1 January 2011 was a Saturday, then what day of the week was 31 December 2011?

A. Friday

B. Saturday ✓

C. Sunday

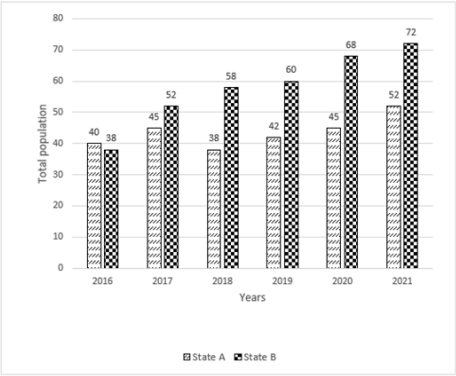
D. Monday

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## Q29 General Intelligence and Reasoning

The bar graph given below shows the population of two states, A and B, (in lakhs) over the years. Study the graph and answer the question.




What is the approximate average population of state B for all the given years?

A. 65 lakhs

B. 58 lakhs ✓

C. 62 lakhs

D. 70 lakhs

## Q30 General Intelligence and Reasoning

All 72 students of a class are standing in a row facing the north. Shalabh is standing at the extreme left end of the row. Only 8 students are standing between Shalabh and Kimaya. Virali is $26^{th}$ from the extreme right end of the row. How many students are standing between Virali and Kimaya?

A. 35

B. 36 ✓

C. 37

D. 38

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Mahesh started from a point facing towards the west, turned left and walked for X m, then turned right and walked for 22 m, then turned left and walked for 11 m, and then turned left again and walked for 22 m. He is exactly 21 m away from the starting point. What is the value of X which was covered in the first leg of his journey?

(All turns are 90 degree turns only)

A. 10 m ✓

B. 11 m

C. 12 m

D. 21 m

**Q2** General Intelligence and Reasoning

Answer the following question which is based on the given four letter clusters.

STED, LAYM, JOEK, CLDP

If in each of the clusters, each letter is changed to the next letter in the English alphabetical order, how many letter clusters thus formed will have no vowel?

A. Three

B. Two ✓

C. One

D. None

**Q3** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$\left(\sqrt{360} + 12 \div 6 \times 3 - \sqrt{170}\right) \div 2 = ?$

A. 4

B. 6 ✓

C. 8

D. 5

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**Q4** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

PARTS : RDVYY

CLOSE : EOSXK

A. TEMPO : PQOFU

B. RHINO : TKMSU ✓

C. CLASS : EODVV

D. MANGO : ODRTS

**Q5** General Intelligence and Reasoning

Study the given letter, number, symbol series and answer the question that follows.

T % N 9 * M $ 3 U = L 8 Y @ G & 3 E > W

Find out the total number of letters that are immediately followed by a symbol and immediately preceded by a number.

A. 1

B. 2

C. 3 ✓

D. 4

**Q6** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/Symbol | 7 | 8 | 5 | & | 6 | % | 2 |
|---|---|---|---|---|---|---|---|
| Codes | S | D | M | U | T | L | A |

Conditions:

(i) If the first element is an odd number and the last element is an even number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the second element is a symbol and the fifth element is an even number, the codes for these two (the second and the fifth elements) are to be interchanged.

(iii) If the third element is a number and the fourth element is a symbol, both these elements (the third and the fourth elements) are to be coded as Y.

Question: 7 6 & 5 8 % 6 2

A. ATYYDLTS

B. ADUMTLTS

C. ATUMDLTS ✓

D. STUMDLTA

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**Q7** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $T = S \geq N = A \leq U > P < Q$

Conclusions:

I. $S > Q$

II. $A \leq T$

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true

**Q8** General Intelligence and Reasoning

Six students P, Q, R, S, T and U sit in a straight line, facing north. P and S are sitting at the extreme ends of the line. T is sitting adjacent to P, while U is sitting adjacent to S. Only one person sits between Q and S. Who is sitting adjacent to Q apart from R?

A. S

B. R

C. U ✓

D. T

**Q9** General Intelligence and Reasoning

Seven boxes, P, Q, R, S, T, U and V, are kept one over the other but not necessarily in the same order. R is kept just below T. V is kept just above Q, which is just above S. Only three boxes are kept between V and U. V is the topmost box. Which is the correct position of Box P?

A. Second box from the top

B. Immediately below S ✓

C. Immediately above Q

D. Immediately below U

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**Q10** General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

In spite of all apartments having the same square foot area, rents of the apartments above the $6^{th}$ floor are higher in most high-rise apartment buildings.

**Arguments:**

I. It is riskier to live on higher floors, since the dependence on lifts is much more critical than the lower floors which can be accessed by stairs.

II. Air pollution is several times lower on higher floors than on the lower floors.

A. Argument I weakens, while argument II strengthens the statement ✓

B. Argument II weakens, while argument I strengthens the statement

C. Both arguments I and II weaken the statement

D. Both arguments I and II strengthen the statement

**Q11** General Intelligence and Reasoning

Starting from a point X, Shekhar walks 70 m towards the north. Then, he takes a left turn and walks 150 m. Then, he takes a left turn and walks 70 m. Finally, he takes a left turn and walks 90 m to reach point Y. How far and in which direction is point X from point Y? (All turns are 90 degree turns only)

A. 60 m, West

B. 50 m, South

C. 60 m, East ✓

D. 50 m, West

**Q12** General Intelligence and Reasoning

Six students, P, Q, R, S, T and U each are of different heights. P is taller than only two students. T is taller than only one student but shorter than exactly four students. S is taller than only four students but is not the tallest. Q is taller than none of the students. R is not the tallest. Who is the tallest student?

A. S

B. T

C. U ✓

D. P

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**Q13** General Intelligence and Reasoning

At a function, the chief guest was accompanied by some people, and all were sitting in the audience gallery facing towards the west. P sits second to the left of the chief guest, Q sits fourth to the right of P. The number of people sitting to the right of Q is exactly one less than the number of people sitting to the left of Q. No one sits to the left of P. How many total people were sitting in the audience gallery?

A. 9

B. 8 ✓

C. 7

D. 10

**Q14** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

12 : 145 :: 9 : 82 :: 11 : ?

A. 123

B. 122 ✓

C. 121

D. 120

**Q15** General Intelligence and Reasoning

What will come in place of the question mark (?) in the following equation, if '+' is interchanged with '−', and '÷' is interchanged with '×'?

$7 \times 7 \div 8 - 12 \times 6 + 17 - 14 - 100 = ?$

A. 125

B. 132

C. 99

D. 107 ✓

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**Q16** General Intelligence and Reasoning

Eight lawyers with the initials A, K, L, M, N, O, P and Q were sitting around a square table and were facing the centre. Four of them were sitting at the corners, while the other four were at the exact centre of the sides. L, at a corner, was to the immediate right of M and was diagonally opposite to A. Q, sitting at a corner, was next to both M and K. P was second to the left of A. N was not sitting diagonally opposite to M. Which lawyer was second to the left of K?

A. O ✓

B. N

C. P

D. L

**Q17** General Intelligence and Reasoning

When the minute hand covers a distance of 2 hours and 20 minutes, then what is the angular distance covered by it?

A. $480^\circ$

B. $590^\circ$

C. $720^\circ$

D. $840^\circ$ ✓

**Q18** General Intelligence and Reasoning

This question is based on the following 3-letter words.

RAT DOT FRY CUT

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

A. None

B. One ✓

C. Two

D. Three

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**Q19** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

1. All tigers are lions.

2. No cat is lion.

3. Some jaguars are cats.

**Conclusions:**

I. Some jaguars are lions.

II. No jaguar is tiger.

III. Some lions are tigers.

A. Only conclusions I follows

B. Only conclusions II and III follow.

C. Only III follows ✓

D. Only conclusions I and II follow.

**Q20** General Intelligence and Reasoning

P, Q, R, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 6. Exactly three persons live between the floors of R and Q. T lives on the floor immediately above P's floor. U lives on the floor immediately above Q's floor. R lives on the floor immediately below S's floor. T lives on floor number 4. Q does not live on floor number 5. Who lives on floor number 6?

A. U

B. P

C. R

D. S ✓

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**Q21** General Intelligence and Reasoning

The following table shows the number of male and female students studying in different streams (i.e. Arts, Science, Commerce and Law) of a college. Study the table and answer the question.

| Streams | Male | Female |
|---|---|---|
| Arts | 202 | 112 |
| Science | 260 | 280 |
| Commerce | 116 | 190 |
| Law | 78 | 65 |
| **Total** | **656** | **647** |

What is the percentage of female Commerce students in the total students of the college?

A. 13.28%

B. 14.58% ✓

C. 15.95%

D. 16.46%

**Q22** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete ?

D6W, G7T, M11N, V20E, ?

A. H34S

B. H36S ✓

C. G36S

D. H36T

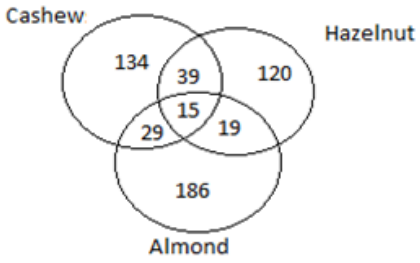
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**Q23** General Intelligence and Reasoning

Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons who like different dry fruits during snack time.




How many people like Hazelnut but NOT Cashew?

A. 15

B. 39

C. 120

D. 139 ✓

**Q24** General Intelligence and Reasoning

In a certain code language, 'ACADEMY' is written as 'FSJHDEB' and 'BARRIER' is written as 'YKNVUCC'. How will 'ATTEMPT' be written in that language?

A. AVRIWVB ✓

B. AVRMWVB

C. AVRNWVB

D. BVWMRVA

**Q25** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 are not allowed.)

(24, 12, 72)

(15, 16, 60)

A. (20, 24, 120) ✓

B. (18, 12, 56)

C. (30, 40, 156)

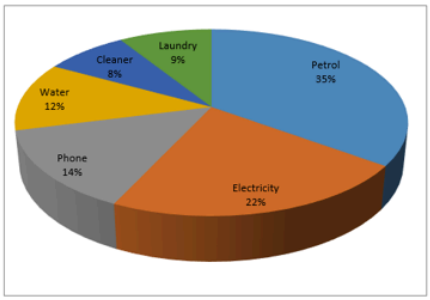
D. (17, 20, 65)

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**Q26** General Intelligence and Reasoning

The following chart shows the percentage of expenditure of Mr. Kumar on various heads in a month. The total monthly expenditure of the house is Rs. 1,12,000 (Rupees One lac twelve thousand only). Study the chart and answer the question.




What is the total expenditure of Mr. Kumar on Petrol and Water taken together during this month?

A. Rs. 51600

B. Rs. 52220

C. Rs. 52640 ✓

D. Rs. 54440

**Q27** General Intelligence and Reasoning

Which two signs should be interchanged to make the given equation correct?

$28 - 28 \div 14 + 7 \times 2 = 16$

A. $\times$ and $-$

B. $\times$ and $\div$

C. $+$ and $\div$

D. $+$ and $-$ ✓

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**Q28** General Intelligence and Reasoning

Three statements are given followed by four conclusions I, II, III and IV. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

**Statements:**

1. Some pamphlets are copies.
2. All copies are readers.
3. All readers are scrolls.

**Conclusions:**

I. All pamphlets are scrolls.

II. All copies are scrolls.

III. Some readers are copies.

IV. Some scrolls are pamphlets.

A. Only conclusions I and III follow.

B. Only conclusions II, III and IV follow. ✓

C. Only conclusions I, III and IV follow.

D. Only conclusions II and IV follow.

**Q29** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

7, 20, 37, 56, 79, 108,?

A. 122

B. 126

C. 136

D. 139 ✓

**Q30** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

45, 65, 90, 125, 180, ?

A. 275 ✓

B. 280

C. 270

D. 285

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**Q1** General Intelligence and Reasoning

Based on the given statement, two conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $C < D, E \geq B, B > D$

Conclusions:

1. $B > C$

2. $E < D$

A. Only conclusion 1 is true ✓

B. Only conclusion 2 is true

C. Both conclusions 1 and 2 are true

D. Neither conclusion 1 nor 2 is true

**Q2** General Intelligence and Reasoning

If each of the digits in the number given below is arranged in the descending order from left to right, what will be the product of the digits that are third from the left and fourth from the right in the new number thus formed?

(Left) 521987624 (Right)

A. 36

B. 35

C. 28 ✓

D. 21

**Q3** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. P is to the immediate left of Z. Only one person sits between G and D. G is to the left of D. H is fifth to the left of G. K is to the immediate right of D. P is third to the right of K. If no other person is sitting in the row, what is the total number of persons seated?

A. 10

B. 11

C. 12

D. 13 ✓

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**Q4** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 are not allowed.)

(11, 57, 8)

(12, 63, 9)

A. (12, 54, 11)

B. (15, 75, 7)

C. (12, 45, 8)

D. (10, 64, 6) ✓

**Q5** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

FAST: JDUU :: SLOW : WOQX :: JUMP : ?

A. NXOQ ✓

B. NOXQ

C. QXON

D. XNOQ

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**Q6** General Intelligence and Reasoning

Given below are three statements and three conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion/s follow/s from the given statements.

Statements:

I. All chairs are desks.

II. All desks are chalks.

III. All chalks are boards.

Conclusions:

I. Some boards are desks.

II. Some chalks are chairs.

III. Some boards are chairs.

A. Conclusions I and II follow

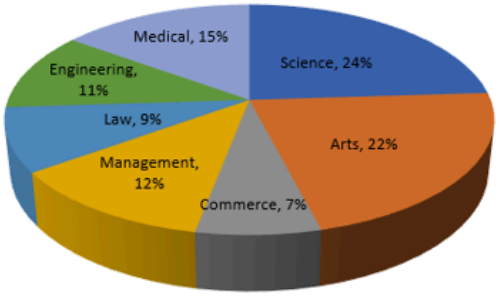
B. Conclusion I and III follow

C. Conclusion II and III follow

D. All the conclusions follow ✓

**Q7** General Intelligence and Reasoning

The following chart shows the percentage of students enrolled in different streams in a university. The total number of students enrolled in the university is 15200. Study the chart and answer the question.




How many students are enrolled in Medical, Engineering and Law streams taken together?

A. 4680

B. 5210

C. 5320 ✓

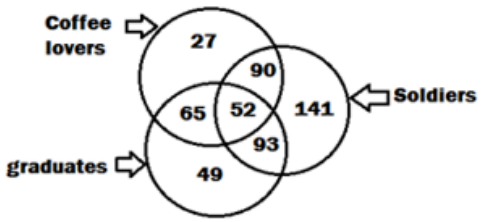
D. 5420

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**Q8** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




Which of the following statements is correct on the basis of the above diagram?

A. The number of soldiers who are neither coffee lovers nor graduates is 193.

B. The number of graduates who are also coffee lovers but not soldiers is 65. ✓

C. The number of coffee lovers who are both graduates and soldiers is 90.

D. The number of soldiers who are also coffee lovers is 27.

**Q9** General Intelligence and Reasoning

Seven surgeons, W, X, Y, Z, A, B and C, were sitting around a square table, facing the centre. Four of them are sitting at the corners while three are sitting at the exact centre of the sides. One of the centre of sides was empty. C, at one of the corners, was immediately next to both B and Y. Z was immediately next to both B and X. A was at the immediate right of X. Which surgeon was third to the right of W?

A. Y

B. B ✓

C. X

D. C

**Q10** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

8, 9, 20, 63, 256, ?

A. 1280

B. 1285 ✓

C. 1284

D. 1286

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**Q11** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 are not allowed.)

(36, 78, 13)

(121, 77, 7)

A. (9, 56, 18)

B. (64, 85, 12)

C. (49, 63, 9) ✓

D. (36, 72, 10)

**Q12** General Intelligence and Reasoning

Starting from his house, Varun walks 60 m towards the north. He then takes a right turn and walks 30 m. He then takes a right turn and walks 90 m. Finally, he takes another right turn and walks 30 m. How far and in which direction is Varun now from his house ? (All turns are 90 degree turns only)

A. 25 m, East

B. 30 m, North

C. 30 m, South ✓

D. 25 m, South

**Q13** General Intelligence and Reasoning

What is the angle traced by the minute hand in 48 minutes?

A. 190°

B. 288° ✓

C. 372°

D. 420°

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**Q14** General Intelligence and Reasoning

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 53478231, what will be the sum of the digits that are second from the left and second from the right?

A. 4

B. 6

C. 8 ✓

D. 10

**Q15** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing the north. M is sitting at the extreme left end. K is to the immediate right of M. G is to the immediate right of K. Only five persons are sitting between G and D. D is at the $6^{th}$ position from the extreme right end. G is at some place towards the left of D. If no other person is sitting in the row, what is the total number of persons seated?

A. 12

B. 13

C. 14 ✓

D. 15

**Q16** General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

Last year, only 30 percent of girl students in district X joined under-graduate courses after school, while 95 percent boys joined under-graduate courses.

**Arguments:**

I. The state government has increased the number of scholarships for girl students in undergraduate courses in government colleges.

II. Many girl students prefer to join vocational courses after school rather than undergraduate courses.

A. Argument I weakens, while argument II strengthens the statement ✓

B. Argument II weakens, while argument I strengthens the statement

C. Both arguments I and II weaken the statement

D. Both arguments I and II strengthen the statement

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**Q17** General Intelligence and Reasoning

In a certain code language, 'PTEJAD' is written as 'OUEIAE' and 'FHNOI' is written as 'EIMOI'. How will 'TUPAI' be written in that language?

A. UVPAH

B. VUPHI

C. SUQAI ✓

D. PUHVA

**Q18** General Intelligence and Reasoning

Which of the following interchanges of signs would make the given equation correct?

$12 \div 6 \times 18 + 16 - 15 = 5$

A. $+, -$

B. $+, \times$

C. $\times, \div$ ✓

D. $-, \div$

**Q19** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

28, 29, 31, 35, 43, ?

A. 55

B. 53

C. 59 ✓

D. 61

**Q20** General Intelligence and Reasoning

Stepping out from a flower shop, Jaya walks 100 m towards the north. She then takes a right turn and walks 45 m. She then takes right turn and walks 175 m. She then takes a left turn and walks 50 m. She then takes a left turn and walks 75 m to reach a tea stall. How far and in which direction is the flower shop from the tea stall ? (All turns are 90 degree turns only)

A. 105 m, North

B. 105 m, West

C. 95 m, East

D. 95 m, West ✓

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**Q21** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | 6 | 5 | & | @ | ? | 9 | < | # | 2 | % | ! | 3 | = | 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | M | L | R | T | U | P | H | Y | A | V | C | X | D | G |

Conditions:

(i) If the first element is a number and the last, a symbol, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last, an even number, the first and last elements are to be coded as Ø.

(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '6 < % 2 #' be coded?

A. M H V A Y

B. Y H V A M ✓

C. Ø Y C A Ø

D. Y Y V A M

**Q22** General Intelligence and Reasoning

Refer to the following number series and answer the question.

2 5 6 9 8 0 3 8 6 7 2 5 2 2 6 8 3 6 5 3

How many such numbers are there in the series each of which is immediately preceded by an even number and immediately followed by an odd number?

A. 2

B. 3

C. 4 ✓

D. 5

**Q23** General Intelligence and Reasoning

Six boys, Prateek, Kartik, Yash, Himmat, Dev and Nihit, are sitting in a straight line. All are facing the north direction. Prateek sits second to the left of Kartik. Dev is sitting at one of the extreme ends. Only Prateek is sitting between Yash and Himmat. Kartik sits to the immediate left of Nihit. Himmat sits third to the right of Dev. Who is sitting to the immediate left of Kartik?

A. Yash

B. Himmat ✓

C. Prateek

D. Dev

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**Q24** General Intelligence and Reasoning

Some people are playing on a football ground. Only two are wearing red coloured T-shirts. Exactly three are wearing yellow-coloured T-shirts. The one who is wearing a red T-shirt passed the ball to the only individual wearing a saffron coloured T-shirt. The person wearing a white coloured T-shirt tackled the person wearing the saffron coloured T-shirt, and then passed the ball to the player who is wearing the green coloured T-shirt. No other individual is playing on the ground.

How many total players are playing football on the ground?

A. 8 ✓

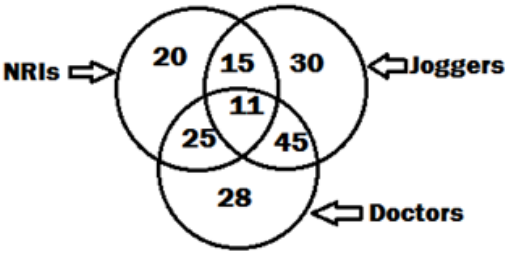
B. 9

C. 10

D. 7

**Q25** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such doctors are there who are also joggers but NOT NRIs?

A. 45 ✓

B. 56

C. 28

D. 75

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**Q26** General Intelligence and Reasoning

The following question is based on the given six, 4-digit numbers.

(Left) 8347, 5486, 9627, 4913, 8721, 6418 (Right)

(For example, 2456: 6 = digit in unit's place, 5 = digit in ten's place, 4 = digit in hundred's place, 2 = digit in thousand's place)

NOTE - All operations to be done from left to right.

What will be the resultant if the digit in hundred's place of the largest number is added to the digit in thousand's place of the smallest number?

A. 7

B. 8

C. 10 ✓

D. 9

**Q27** General Intelligence and Reasoning

The following table shows the number of male and female employees working in four departments of an organization i.e. HR, Production, Marketing and Operations. Study the table and answer the question.

| Departments | Male | Female |
|---|---|---|
| HR | 35 | 65 |
| Production | 160 | 155 |
| Marketing | 176 | 140 |
| Operations | 128 | 142 |

What is the ratio of the total number of employees in Production (both male and female taken together) and the total number of employees in Operations (both male and female employees taken together), respectively?

A. 7 : 6 ✓

B. 7 : 3

C. 6 : 5

D. 8 : 5

**Q28** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word 'ACQUIRE' is arranged in alphabetical order?

A. 1

B. 2

C. 3 ✓

D. 4

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**Q29** General Intelligence and Reasoning

Based on the given statement, four conclusions are drawn. Find out which conclusion is NOT true based on the statement.

Statement: $A < B < C \leq D = E > F > G$

A. $C \leq E$

B. $A > E$ ✓

C. $E > B$

D. $D > G$

**Q30** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

EHT-13, HKW-17, LOA-22, QTF-28, WZL-35,?

A. CGT-41

B. DHR-43

C. DGT-44

D. DGS-43 ✓

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**Q1** General Intelligence and Reasoning

What are the two signs to be interchanged for making the following equation correct?

$$[\{(44+36)-(4\times 4)\}\div(1-5)]\times 2=8$$

A. $+, \div$

B. $\times, \div$

C. $+, \times$

D. $+, -$ ✓

**Q2** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/Symbol | 4 | 6 | 7 | $ | # | @ | 2 |
|---|---|---|---|---|---|---|---|
| Codes | H | F | M | E | T | P | Z |

Conditions:

(i) If the first element is an even number and the last element is also an even number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the second element is an even number and the fifth element is a symbol, the codes for these two (the second and the fifth elements) are to be interchanged.

(iii) If the fourth element is a symbol and the sixth element is also a symbol, both these elements (the fourth and the sixth elements) are to be coded as N.

Question: 4 6 $ 7 4 # @ 2

A. Z F E M H T P H ✓

B. H F E M H T P Z

C. Z H E M F T P H

D. Z F E N H N P H

**Q3** General Intelligence and Reasoning

Which of the following interchanges of signs would make the given equation correct?

$$5\times 4\div 10-8+2=8$$

A. $+, -$ ✓

B. $\times, \div$

C. $+, \times$

D. $+, \div$

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**Q4** General Intelligence and Reasoning

Which of the following alphanumeric clusters will replace the question mark (?) in the series to make it logically complete?

ACE 9, BDF 12, GIK 27, HJL 30, ? , NPR 48, SUW 63

A. MOQ 45 ✓

B. MNO 42

C. OPQ 48

D. NOP 42

**Q5** General Intelligence and Reasoning

Few birds (One each of Orange, Yellow, Black, Green, Grey, Red colour and three White coloured) were sitting in a row facing north. The black bird was an immediate neighbour of both, the red and the grey bird. The yellow bird was sitting to the immediate right of the green bird. Only three birds were sitting between the orange and the red bird and all these three birds were white. The yellow bird sat third to the right of the black bird. Which colour birds were sitting at the leftmost and rightmost ends of the row respectively?

A. Yellow (Left) and White (Right)

B. White (Left) and Orange (Right)

C. Orange (Left) and Yellow (Right) ✓

D. Grey (Left) and Red (Right)

**Q6** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some beds are tables.

Some tables are cupboards.

Some cupboards are chairs.

**Conclusions:**

I. Some chairs are beds.

II. Some beds are cupboards.

A. Only conclusion I follows

B. Only conclusion II follows

C. Both conclusions I and II follow

D. Neither conclusion I nor II follows ✓

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**Q7** General Intelligence and Reasoning

L, G, K, P, H and Z live on eight different floors of the same multistorey building with 2 floors being vacant. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 8. H lives on floor No. 1, K on No. 2, and P on No. 8. One immediate floor above and one immediate floor below Z are vacant. G's floor is immediately above the floor on which L lives and G's floor is also immediately below P's floor. Who lives on floor No. 4?

A. L

B. Z ✓

C. H

D. G

**Q8** General Intelligence and Reasoning

Which of the following number will replace the question mark (?) and complete the given number series?

45, 52, 61, 73, 90, ?

A. 116

B. 112

C. 114 ✓

D. 115

**Q9** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 are not allowed.)

(11, 64, 3)

(17, 36, 11)

A. (24, 169, 11) ✓

B. (21, 144, 32)

C. (26, 56, 8)

D. (30, 49, 11)

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**Q10** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

16, 18, 27, 55, 120,?

A. 230

B. 246 ✓

C. 240

D. 510

**Q11** General Intelligence and Reasoning

Shyam walked 10 m towards the north and then turned left and walked 11 m. He then turned right and walked for 13 m, turned right again and walked for 10 m. He then turned left and walked 14 m, and then finally turned right and walked 1 m. How far is Shyam from the starting point?

(All turns are 90 degree turns only)

A. 34 m

B. 35 m

C. 33 m

D. 37 m ✓

**Q12** General Intelligence and Reasoning

Study the given letter series and answer the question that follows.

Q I O M J E S T R U L E B A C K J M N

How many consonants are immediately preceded by a consonant and immediately followed by a vowel?

A. 1

B. 2 ✓

C. 3

D. 4

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**Q13** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. D is to the immediate right of H. A is third to the left of C. Only three people sit between H and L. L is fifth to the right of C. D is at the extreme right end of the row. If no other person is sitting in the row, what is the total number of persons seated?

A. 12

B. 14 ✓

C. 16

D. 18

**Q14** General Intelligence and Reasoning

In a certain code language, 'CURRY' is written as 'BSONT' and 'KHAKI' is written as 'JFXGD'. How will 'BHEEM' be written in that language?

A. AFBBI

B. CFBBH

C. AEBBI

D. AFBAH ✓

**Q15** General Intelligence and Reasoning

How much angular distance will be covered by the minute hand of a correct clock in a period of 3 hours 10 minutes?

A. $978^\circ$

B. $1000^\circ$

C. $1140^\circ$ ✓

D. $1202^\circ$

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**Q16** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some purses are keys.

All lockers are keys.

All keys are pins.

**Conclusions:**

I. Some pins are purses.

II. No pin is a purse.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Both conclusions I and II follow

D. Either conclusion I or II follows

**Q17** General Intelligence and Reasoning

Read the given statement and conclusions carefully. Assuming that the information given in the statements is true, decide which of the given conclusions logically follow(s) from the statement.

**Statement:**

Team A students lost 14 out of 20 games they played last season.

**Conclusions:**

I. Team A students are more interested in academics than sports.

II. Team A students are unlucky.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows ✓

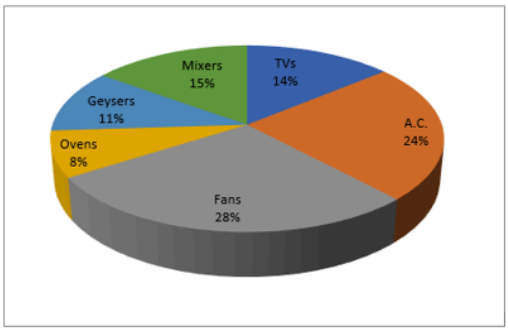
D. Both conclusions I and II follow

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**Q18** General Intelligence and Reasoning

The following chart shows the percentage of various products sold from an electronics goods shop during the year 2021.
The total number of products sold from the shop during 2021 is16800. Study the chart and answer the question.




How many more Fans have been sold from the shop in comparison to Ovens during 2021?

A. 3200

B. 3360 ✓

C. 3420

D. 3566

**Q19** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(5, 62, 7)

(8, 188, 12)

A. 6, 117, 19

B. 11, 390, 13

C. 10, 181, 9

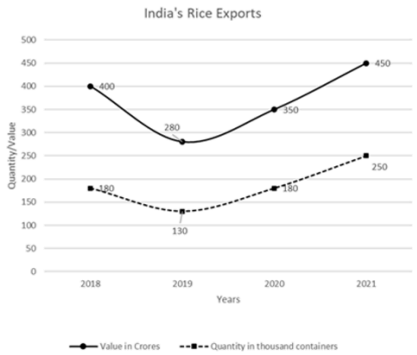
D. 7, 114, 9 ✓

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## Q20 General Intelligence and Reasoning

Study the following line graph carefully and answer the question.




Supposing if in 2020, the average value of goods sold per container was same as that of 2019, then what would be the new approximate value of total exports (in crores) in 2020 if number of containers in 2020 remains unchanged?

A. 387 ✓

B. 555

C. 346

D. 500

## Q21 General Intelligence and Reasoning

Eight persons, A, B, C, D, E, F, G and H, are sitting around a square table facing the centre of the table. Four of them are sitting at the corners while the other four are sitting at the exact centre of the sides of the table. C is sitting at one of the corners. F is to the immediate right of C. Only H is sitting between C and G. D is sitting at one of the corners. A is not sitting at any of the corners. E is to the immediate left of B. E is the immediate neighbour of F. Which two persons are sitting towards the left of G but to the right of B?

A. A and E

B. C and H

C. A and D ✓

D. A and F

## Q22 General Intelligence and Reasoning

L, M, N, O, P, Q and R, are sitting in a straight row, facing north. Only three people sit between Q and N. M and O are immediate neighbours. O is at the extreme right end of the row. R is at the immediate left of N. Who is at the fifth position from the left end of the row?

A. L

B. P

C. N ✓

D. M

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**Q23** General Intelligence and Reasoning

What will come in place of the question mark (?) in the following equation if '+' and '÷' are interchanged and also '×' and '–' are interchanged?

$42 + 7 \div 24 \times 6 - 3 = ?$

A. 10

B. 12 ✓

C. 13

D. 14

**Q24** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $G < D < R = T > Y > Q = H$

A. $R < G$

B. $D < T$ ✓

C. $H > T$

D. $G = T$

**Q25** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $A = F \geq S > H < Z > R = G$

Conclusions:

I. $S < G$

II. $S \geq A$

A. Only conclusion I is true

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true ✓

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**Q26** General Intelligence and Reasoning

Each vowel in the word OPTICAL is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

A. P

B. O

C. B ✓

D. J

**Q27** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

HCM : MHR

FET : KJY

A. PRT : TPS

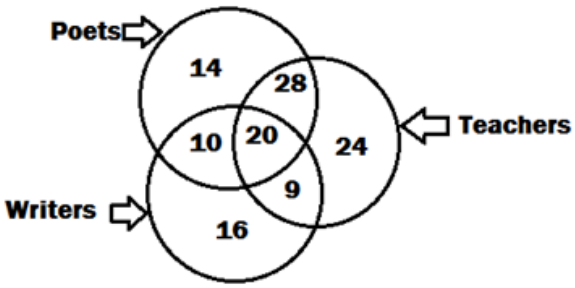
B. GHK : HKJ

C. UPJ: ZUO ✓

D. UFL : LKU

**Q28** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




Which of the following statements is correct on the basis of the above diagram?

A. The number of teachers who are both writers and poets is 20. ✓

B. The number of poets who are also teachers but not writers is 48.

C. The number of writers who are neither teachers nor poets is 10.

D. The number of poets who are also teachers is 44.

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**Q29** General Intelligence and Reasoning

P started from a point facing north and then turned right and ran for 24 m east, turned left and walked for 26 m. He then turned left and first ran for 24 m and then walked for 6 m and then turned right and walked for 6 m, turned right again, and ran for 30 m. How much distance did he cover walking, and in which direction is he facing now?

(All turns are 90 degree turns only)

A. 38 m, West

B. 38 m, East ✓

C. 126 m, West

D. 126 m, East

**Q30** General Intelligence and Reasoning

Each vowel in the word INCURABLE is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. How many vowels will be there in the new word thus formed?

A. 2

B. 1 ✓

C. 3

D. 4

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**Q1** General Intelligence and Reasoning

Study the given table and answer the question that follows.

The table shows value of Indian exports across different goods for different years.

| Year | 2021 | 2020 | 2019 | 2018 | 2017 | 2016 |
|---|---|---|---|---|---|---|
| Items | (Amount in ₹ Crores) | | | | | |
| Fruits | 85 | 75 | 70 | 61 | 35 | 30 |
| Pulses | 35 | 20 | 35 | 60 | 70 | 40 |
| IT products | 200 | 160 | 100 | 120 | 90 | 85 |
| Defence products | 120 | 80 | 110 | 85 | 60 | 40 |
| Dairy products | 60 | 62 | 68 | 72 | 40 | 30 |

What is the yearly average exports(combined) of fruits, IT products and defence products for 2018 to 2020?

A. ₹280 crores

B. ₹282 crores

C. ₹165 crores

D. ₹287 crores ✓

**Q2** General Intelligence and Reasoning

In a certain code language, TOUGH is written as 20152178 and PLEAD is written as 1612514. How will CLOVE be written in the same language?

A. 31215225 ✓

B. 31315235

C. 31215324

D. 31115215

**Q3** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

C_PR_DT_RN_T_RN_TP_N

A. PNPERFP

B. TPNDPFR

C. TNTEPFP

D. TNPEPFR ✓

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**Q4** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

TOP : VRU

XOR : ZRW

A. NET : PGY

B. QIP : SLV

C. TOM : VRQ

D. NOR : PRW ✓

**Q5** General Intelligence and Reasoning

4 people A, B, C and D are sitting in a straight line, facing north. A and C are not sitting adjacent to each other, while C and B are sitting adjacent to each other. Which of the following sitting arrangements is NOT possible?

A. DABC

B. ABCD

C. CBAD

D. BCAD ✓

**Q6** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All sketches are cards.

All cards are posters.

Some sketches are folders.

**Conclusions:**

I. Some folders are posters.

II. Some cards are folders.

A. Only conclusion I follows

B. Only conclusion II follows

C. Both conclusions I and II follow ✓

D. Either conclusion I or II follows

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**Q7** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

13, 27, 56, 115, 234,?

A. 332

B. 346

C. 473 ✓

D. 482

**Q8** General Intelligence and Reasoning

Four houses, A, B, C and D, are located in the same colony. House A is 300 m to the north of House D. House C is 400 m to the east of House B. House A is 300 m to the south of House B. In which direction is House D with reference to House B?

A. East

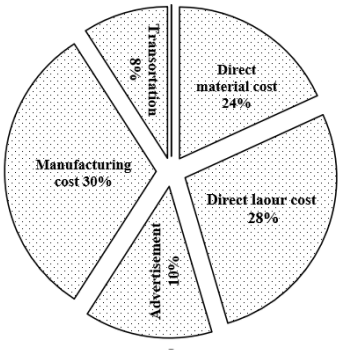
B. West

C. North

D. South ✓

**Q9** General Intelligence and Reasoning

The following pie chart shows the percentage distribution of the expenditure incurred in manufacturing a power bank.
Study the pie chart and answer the question.




If 100 power banks are manufactured and the manufacturing cost on them amounts to ₹50,000, then what should be the selling price of the power banks so that the manufacturer can earn a profit of 50%?

A. ₹3000

B. ₹2400

C. ₹2200

D. ₹2500 ✓

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**Q10** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $C \leq F < E = D > G \geq H < I$

Conclusions:

I. $D > C$

II. $E < H$

A. Only conclusion I is true ✓

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true

**Q11** General Intelligence and Reasoning

Each of A, B, C, D, E and F has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Thursday is the only gap day on which no exam is held. E's exam is on Saturday. The exams of A and F are separated by one day that is the gap day. D's exam is immediately before F but is immediately after C. B's exam is on Sunday. On which day is D's exam held?

A. Monday

B. Tuesday ✓

C. Wednesday

D. Friday

**Q12** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

25, 36, 49, 66, 85, ?

A. 105

B. 103

C. 108 ✓

D. 110

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**Q13** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(4, 3, 16)

(3, 5, 19)

A. (8, 2, 20) ✓

B. (3 ,2, 12)

C. (5, 2, 49)

D. (8, 1, 18)

**Q14** General Intelligence and Reasoning

In a certain code language, ROUTINE is written as UORTENI and PLAYERS is written as ALPYSRE. How will BANKING be written in the same language?

A. NABKGNI ✓

B. NABGNIK

C. BNAKIGN

D. NBAIGKN

**Q15** General Intelligence and Reasoning

Study the given letter, number, symbol series and answer the question that follows.

7 T % N 9 * M $ 3 U = L 8 Y @ G & 3 E > 5 & R 3 ! K # 7 % H = Y 6

Find out the total number of letters that are immediately followed by a number and immediately preceded by a symbol.

A. 1

B. 2

C. 3

D. 4 ✓

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**Q16** General Intelligence and Reasoning HINDI - no English version saved

एक कथन और उसके बाद दो धारणाएं I और II दी गई हैं। कथन में दी गई जानकारी को सत्य मानते हुए विचार करें, और बताएं कि दी गई धारणाओं में से कौन सी कथन में निहित हैं?

**कथन:**

इमारत की बाहरी दीवारों में कई दरारें हैं, जिनकी मरम्मत दीवार की पेंटिंग शुरू होने से पहले की जानी चाहिए, जिससे बाद में रिसाव जैसी समस्याओं का सामना न करना पड़े।

**धारणा:**

I. बाहरी दीवारों को पेंट करने से रिसाव की समस्याएं हो सकती हैं।

II. बाहरी दीवारों में दरारों के कारण रिसाव की समस्याएं हो सकती हैं।

A. केवल धारणा I निहित है

B. केवल धारणा II निहित है ✓

C. न तो धारणा I, और न ही II निहित है

D. धारणा I और II, दोनों निहित हैं

**Q17** General Intelligence and Reasoning

What is the angular distance covered by the second hand of a correct clock in 12 minutes?

A. $4320^\circ$ ✓

B. $4762^\circ$

C. $5120^\circ$

D. $5611^\circ$

**Q18** General Intelligence and Reasoning

V, W, X, Y, Z, A and B are seven boxes kept one over the other but not necessarily in the same order. A is kept immediately above W. Only four boxes are kept between B and W. Only one box is kept between V and X. X is kept immediately above A. B is kept at the topmost position. How many boxes are kept between Z and Y?

A. One

B. Two

C. Three ✓

D. Four

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**Q19** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 are not allowed.)

(7, 175, 5)

(6, 294, 7)

A. (3, 192, 8) ✓

B. (5, 140, 7)

C. (6, 216, 5)

D. (8, 412, 9)

**Q20** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All blazers are dungarees.
2. No dungaree is scarf.
3. All pyjamas are dungarees.

Conclusions:

I. No blazer is scarf.

II. No blazer is pyjama.

III. Some blazers are pyjamas.

A. Only conclusion I and II follow

B. Only conclusion I and III follow

C. Only conclusion I follows ✓

D. None of the conclusions follow

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**Q21** General Intelligence and Reasoning

Four friends Himani, Shalaka, Mitali and Brinda are sitting around a square table facing the centre of the table. All four of them are sitting at the corners of the table. Himani is to the immediate right of Brinda. Mitali is to the immediate left of Shalaka. Himani is second to the left of Shalaka. After some time, Himani leaves her place and is replaced by Kamini. Similarly, Brinda is also replaced by Tara. Now who is sitting to the immediate left of Tara?

A. Shalaka ✓

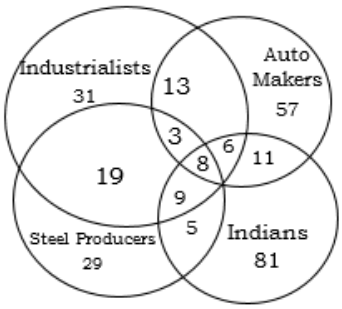
B. Mitali

C. Kamini

D. Brinda

**Q22** General Intelligence and Reasoning

Study the diagram and answer the question that follows. The numbers in different sections indicate the number of persons. How many Indian industrialists make autos but are NOT steel producers?




A. 13

B. 3

C. 8

D. 6 ✓

**Q23** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$125.99 - 35.92 + 3.89 \times 16.11 = ?$

A. 150

B. 158

C. 154 ✓

D. 166

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**Q24** General Intelligence and Reasoning

Which two signs should be interchanged to make the given equation correct?

$24 \times 6 - 12 + 18 \div 3 = 46$

A. × and +

B. × and ÷ ✓

C. + and ÷

D. + and –

**Q25** General Intelligence and Reasoning

In a class of 21 students, each scored differently. P's rank from the bottom is $9^{th}$, while Q's rank from the top is also $9^{th}$. How many students are ranked between Q and P?

A. 4

B. 2

C. 5

D. 3 ✓

**Q26** General Intelligence and Reasoning

Each of the digits in the number 813924765 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. None

B. One

C. Two ✓

D. Three

**Q27** General Intelligence and Reasoning

Refer to the given letter and symbol series and answer the question that follows.

(Left) U # S & $ F ø G ^ & J % Z K * D X ¥ T X € @ Y $ (Right)

How many such letters are there in the series each of which is immediately preceded by a symbol and also immediately followed by a symbol?

A. 2

B. 4

C. 6

D. 5 ✓

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**Q28** General Intelligence and Reasoning

Each vowel in the word 'DESTROY' is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter, thus formed, is arranged in alphabetical order, which letter will be fifth from the right end?

A. F

B. P ✓

C. Q

D. R

**Q29** General Intelligence and Reasoning

Starting from point L, a person walks 125 m towards the south. He then takes a left turn and walks 70 m. From there, he takes a left turn and walks 80 m. After that, he takes a left turn and walks 115 m. Finally, he takes a right turn and walks 45 m to reach point M. How far and in which direction is point M from point L ? (All turns are 90 degree turns only)

A. 45 m, East

B. 45 m, West ✓

C. 90 m, East

D. 90 m, North

**Q30** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $N > M < K = L \geq I > J$

Conclusions:

I. $L > J$

II. $N > L$

A. Only conclusion I is true ✓

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true

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**Q1** General Intelligence and Reasoning

Refer to the given letter and symbol series and answer the question that follows.

(Left) K € T X @ * D X ¥ & J % Z Y $ & # S & $ F ø G ^ (Right)

How many such symbols are there in the series each of which is immediately preceded by a letter and also immediately followed by a letter?

A. 1

B. 2

C. 3 ✓

D. 4

**Q2** General Intelligence and Reasoning

Read the given statement and conclusions carefully. Assuming that the information given in the statements is true, decide which of the given conclusions logically follow(s) from the statement.

**Statement:**

In a recent survey on choice of drink, 65 percent of the people preferred tea, 28 percent preferred coffee, 5 percent preferred milk, while 2 percent were neutral.

**Conclusions:**

I. Tea is a better drink than coffee.

II. More people prefer to drink coffee as compared to milk.

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Neither conclusion I nor II follows

D. Both conclusions I and II follow

**Q3** General Intelligence and Reasoning

KIT 20 is related to PRG 50 in a certain way. In the same way, ENT 16 is related to VMG 40. To which of the following is MFG 18 related following the same logic?

A. NUT 40

B. QUT 45

C. NVT 45

D. NUT 45 ✓

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**Q4** General Intelligence and Reasoning

In a certain code language, MONDAY is written as ZBEOPN and MARCH is written as IDSBN. How will APRIL be written in the same language?

A. ZKSWC

B. MKSVB

C. MJSQB ✓

D. MJSWB

**Q5** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

1. Some hills are plateaus.

2. Some plateaus are deserts.

3. All deserts are plains

**Conclusions:**

I. Some plains are plateaus.

II. Some plains are hills.

III. All deserts are hills.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Only conclusions I and II follow

D. Only conclusions II and III follow

**Q6** General Intelligence and Reasoning

Which of the following number will replace the question mark (?) and complete the given number series?

3, 6, 8, 16, 18, 36, ?

A. 72

B. 45

C. 38 ✓

D. 42

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**Q7** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

20 : 42 :: 25 : 52 :: 18 : ?

A. 34

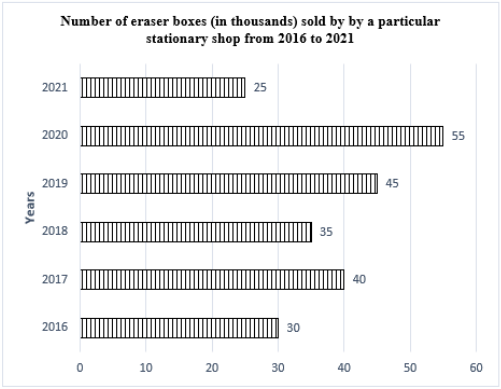
B. 38 ✓

C. 54

D. 60

**Q8** General Intelligence and Reasoning

Study the following bar graph carefully and answer the question.




What is the approximate percentage increase in the number of the eraser boxes sold from 2018 to 2020?

A. 50%

B. 57% ✓

C. 45%

D. 60%

**Q9** General Intelligence and Reasoning

Select the correct combination of mathematical signs that can sequentially replace Y to balance the following equation.

32 Y 8 Y 16 Y 8 Y 8

A. ×, =, −, ÷

B. ÷, ×, =, −

C. ÷, ×, =, × ✓

D. ×, ÷, =, −

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**Q10** General Intelligence and Reasoning

B was standing at a point, facing north. B turned and ran towards the east for 50 m, then turned towards the south and walked for 30 m. He then turned left and ran for 40 m, then turned right and ran for 50 m, turned right again and walked for 10 m and at last, turned right and walked for 20 m. How much distance did B cover only by walk and in which direction is he facing now?

(All turns are 90 degree turns only)

A. 150 m, South

B. 60 m, South

C. 60 m, North ✓

D. 150 m, North

**Q11** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

GRM-2, EPK-6, CNI-14, ALG-30,?

A. XJE-60

B. YKE-62

C. YJE-62 ✓

D. YJF-64

**Q12** General Intelligence and Reasoning

Sheela was standing facing the morning sun. She started walking towards the morning sun and turned to her right side, where she walked for few minutes and then turned left and walked for 3 m and stopped. In which direction is Sheela facing right now?

(All turns are 90 degree turns only)

A. East ✓

B. West

C. North

D. South

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**Q13** General Intelligence and Reasoning

Six students, F, E, D, C, B and A, were studying around a square table in a college library, facing the centre. Four of them were sitting at the corners while two others were sitting at the exact centre of the sides. C and E were diagonally opposite to each other. A was not at any of the corner positions and was an immediate neighbour of both E and D. D was diagonally opposite to F. B was at the immediate right of F. No student sat between C and D as well as between E and F. Which student sat third to the left of B?

A. A ✓

B. E

C. C

D. D

**Q14** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

14 : 203 : : 16 : 264 : : 18 : ?

A. 333 ✓

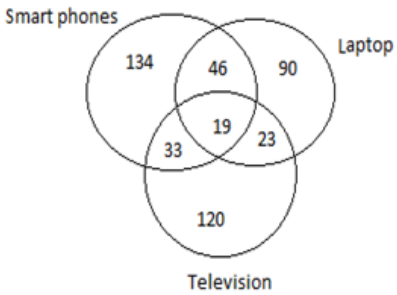
B. 423

C. 353

D. 347

**Q15** General Intelligence and Reasoning

Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons who use the electronic item.




How many people use both Laptop and Television?

A. 23

B. 42 ✓

C. 19

D. 56

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**Q16** General Intelligence and Reasoning

7 friends decided not to eat sweets on one day of their choice in the same week starting on Sunday and ending on Saturday. No one selected the same day of the week. P selected Saturday. Q selected Wednesday. R said that he will select the day immediately before P. S decided to select any available day between P's and Q's selection. T selected Sunday. U said that he will select the day immediately before Q. Which day is left for V to select?

A. Monday ✓

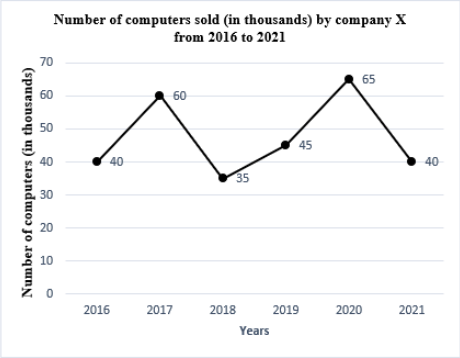
B. Tuesday

C. Wednesday

D. Thursday

**Q17** General Intelligence and Reasoning

Study the following line graph carefully and answer the given question.




Find the difference between the number of computers sold for the year 2017 and 2021.

A. 20000 ✓

B. 15000

C. 10000

D. 25000

**Q18** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $V > R > N = U = H > C < G$

A. $U > G$

B. $N > V$

C. $N = H$ ✓

D. $R = H$

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**Q19** General Intelligence and Reasoning

If each of the letters in the word 'ANOTHER' is arranged in alphabetical order, then how many letters will be there in the English alphabetical series between the letter that is fourth from the left end and the one that is second from the right end?

A. 2

B. 3 ✓

C. 4

D. 5

**Q20** General Intelligence and Reasoning

What day of the week was 10 January 2006?

A. Monday

B. Tuesday ✓

C. Wednesday

D. Thursday

**Q21** General Intelligence and Reasoning

Seven boxes, P, Q, R, S, T, U and V, are kept one over the other but not necessarily in the same order. Only three boxes are kept below R. S is immediately below Q. V is immediately below T. P is immediately above Q. S is third box from top. T is not immediately below R. Which is the third box from the bottom?

A. T

B. U ✓

C. R

D. S

**Q22** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

7, 56, 28, 224, 112,?

A. 846

B. 896 ✓

C. 920

D. 900

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**Q23** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below:

(Left) 815 458 512 630 235 (Right)

What will be the resultant if third digit of the second largest number is added to the second digit of smallest number?

A. 2

B. 3 ✓

C. 5

D. 6

**Q24** General Intelligence and Reasoning

Five persons, K, L, M, N and P, receive their salaries on five different dates of the same month, viz. $1^{st}$, $2^{nd}$, $3^{rd}$, $4^{th}$ and $5^{th}$. L receives salary on the date immediately after M. N receives salary on the date immediately before K. P receives salary on the date immediately after K. P receives salary on the $3^{rd}$ of the month. On which date does M receive salary?

A. $1^{st}$

B. $2^{nd}$

C. $4^{th}$ ✓

D. $5^{th}$

**Q25** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/Symbol | & | 5 | 9 | # | 6 | % | 8 |
|---|---|---|---|---|---|---|---|
| Codes | S | D | M | U | T | L | A |

Conditions:

(i) If the first element is an even number and the last element is also an even number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the second element is an even number and the fifth element is a symbol, the codes for these two (the second and the fifth elements) are to be interchanged.

(iii) If the fourth element is a symbol and the sixth element is also a symbol, both these elements (the fourth and the sixth elements) are to be coded as N.

Question: 8 5 & % 9 # 6 9

A. A M S N D N T M

B. M D S N M N T A

C. A D S L M U T M

D. A D S N M N T M ✓

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**Q26** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $R > G > A > B = D = F > S$

A. $A > R$

B. $A > F$ ✓

C. $S > D$

D. $F > R$

**Q27** General Intelligence and Reasoning

Eight friends, P, Q, R, S, T, U, V and W, are sitting around a square table facing the centre of the table. Four of them are sitting at the corners while the other four are sitting at the exact centre of the sides of the table. T is sitting at one of the corners. U is third to the right of T. S is to the immediate left of V. T is second to the right of V. Only U is between R and P. Only W is between T and R. Who is sitting to the immediate left of T?

A. P

B. Q ✓

C. W

D. R

**Q28** General Intelligence and Reasoning

Three statements are followed by four conclusions numbered I, II, III and IV. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statement.

**Statements:**

1. No paint is fresco.
2. No fresco is lacquer.
3. Some paints are lacquers.

**Conclusions:**

I. No lacquer is paint.

II. No lacquer is fresco.

III. Some frescos are paints.

IV. All lacquers are paints.

A. Only conclusions I and II follow

B. Only conclusion II follows. ✓

C. Only conclusions I and IV follow

D. Only conclusion IV follows.

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**Q29** General Intelligence and Reasoning

What will come in place of the question mark (?) in the following equation, if '+' is interchanged with '×', and '÷' is interchanged with '–'?

$6 \div 16 \times 4 \div 8 - 8 + 2 \times 7 = ?$

A. 0

B. 1

C. −1 ✓

D. 23

**Q30** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$11.998 \div 2.008 \times 3.991 + 14.9929 - 10.002 = ?$

A. 21

B. 24

C. 29 ✓

D. 34

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**Q1** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $X < Z = T > V > P < Y = O$

A. $T < X$

B. $T > Y$

C. $O > P$ ✓

D. $V > Y$

**Q2** General Intelligence and Reasoning

Given below are three statements and three conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion/s follow/s the given statements.

Statements:

I. Some lions are cats.

II. All cats are animals.

III. Some animals are not lions.

Conclusions:

I. Some animals are lions.

II. All lions are animals.

III. No animal is a lion.

A. Only conclusion I follows ✓

B. Conclusions II and III follow

C. Only conclusion III follows

D. None of the conclusions follow

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**Q3** General Intelligence and Reasoning

G, H, I, J, K and L are the initials of six girls who were sitting around a circular table, discussing the venue of their picnic. They were all facing the table's centre. L was not immediately next to either G or H. I was second to the left of K. There were exactly two girls between J and G. I was to the immediate left of G. K was to the immediate left of H. Who was to the immediate right of L?

A. J

B. K

C. I ✓

D. G

**Q4** General Intelligence and Reasoning

Five houses, P, Q, R, S and T, are located in the same colony. T is 40 m to the east of Q. P is 30 m to the south of Q. R is 40 m to the west of Q. Q is 35 m to the south of S. In which direction is R with reference to T?

A. East

B. West ✓

C. North

D. South

**Q5** General Intelligence and Reasoning

In a class of 17 students, each scored differently. A's rank from the top is $9^{th}$, while B's rank from the bottom is $11^{th}$. C's rank from the top is better than A but worse than B. What is C's rank from the top?

A. $7^{th}$

B. $8^{th}$ ✓

C. $9^{th}$

D. $6^{th}$

**Q6** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

15 : 180 : : 17 : 204 : : 21 : ?

A. 232

B. 240

C. 248

D. 252 ✓

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**Q7** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

12, 14, 31, 97, 393, ?

A. 1972

B. 1965

C. 1971 ✓

D. 1970

**Q8** General Intelligence and Reasoning

In a certain code language, 'FEELING' is written as 'VVUOTMR' and 'HEAVILY' is written as 'ZVSEBOR'. How will 'FORTUNE' be written in that language?

A. ULIGFMV

B. ILGUVMF

C. ILUGVMF ✓

D. ILUGFMV

**Q9** General Intelligence and Reasoning

Among six girls, Natasha, Yuvika, Aditi, Tanya, Shahnaz and Daljeet, each one has a different height. Tanya is the shortest among all. Aditi is taller than only Natasha and one another girl. Shahnaz is shorter than Daljeet, who is shorter than Yuvika. Who is the third tallest among all six girls?

A. Yuvika

B. Daljeet

C. Shahnaz ✓

D. Aditi

**Q10** General Intelligence and Reasoning

Study the given number, symbol series and answer the question that follows.

# 9 1 @ 4 * 7 ^ 5 3 # 9 1 < 5 4 @ 3 $ # 2 * 6 ! 4 2 & 9 < 3 6

How many such numbers are there which are immediately preceded by a symbol and immediately followed by an even number?

A. 4

B. 3 ✓

C. 6

D. 5

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**Q11** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | = | $ | 6 | 8 | < | ? | / | 2 | 5 | ! | @ | 7 | 3 | ^ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | G | L | F | M | E | N | D | P | C | R | T | B | V | A |

Conditions:

(i) If the first element is a symbol and the last, a number, then the first and last elements are to be coded as © and ¥, respectively.

(ii) If the first element is an odd number and the last, an even number, the codes for these two are to be interchanged.

(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '5 < = 2 @ 6' be coded?

A. C E G P T F

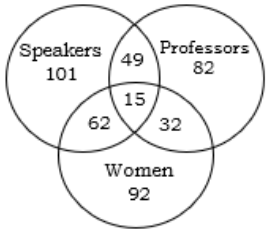
B. F E G P T C ✓

C. F N G P T C

D. B E L D T C

**Q12** General Intelligence and Reasoning

Study the diagram and answer the questions that follow. The numbers in different sections indicate the number of persons. How many women are speakers and NOT professors and how many professors are speakers and NOT women?




A. 47 and 49, respectively

B. 62 and 49, respectively ✓

C. 62 and 32, respectively

D. 77 and 49, respectively

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**Q13** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete ?

8G, 14C, 20Y, 26U, ?

A. 30R

B. 30Q

C. 32P

D. 32Q ✓

**Q14** General Intelligence and Reasoning

Four friends W, X, Y and Z are sitting at the corners of a square table facing towards the centre. W and Z are not at the opposite corners, but W is to the immediate right of Y. Who among the following is sitting opposite to X?

A. W ✓

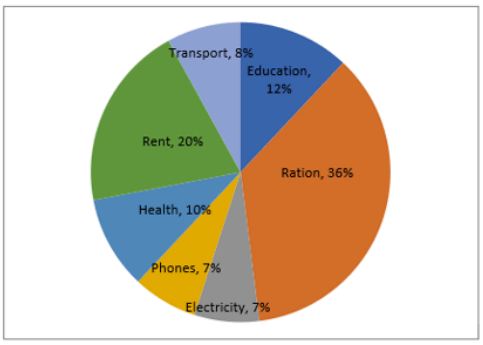
B. X

C. Y

D. Z

**Q15** General Intelligence and Reasoning

The following chart shows the expenditure of a house on various heads. The total expenditure of the house is ₹85,200.
Study the chart and answer the question.




How much more amount is spent on ration than on rent?

A. ₹14,332

B. ₹13,512

C. ₹13,632 ✓

D. ₹13,852

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**Q16** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word QUALITY is arranged in alphabetical order?

A. 1 ✓

B. 2

C. 3

D. 4

**Q17** General Intelligence and Reasoning

The following question is based on the given seven, 3-digit numbers.

(Left) 347, 486, 627, 113, 721, 418, 779 (Right)

(For example, 456: 6 = digit in unit's place, 5 = digit in ten's place, 4 = digit in hundred's place)

NOTE - All operations to be done from left to right.

If 2 is added to the digit in hundred's place of each number given above, in how many numbers will be the modified digit in hundred's place be exactly divisible by the digit appearing in the ten's place?

A. 1

B. 2

C. 3 ✓

D. 4

**Q18** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All gifts are letters.

All letters are chats.

All words are gifts.

**Conclusions:**

I. Some chats are words.

II. All gifts are chats.

III. Some words are not letters.

A. Only conclusions I and III follow

B. Only conclusion II follows

C. Only conclusions I and II follow ✓

D. All the conclusions, I, II and III, follow

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**Q19** General Intelligence and Reasoning

How many times in 48 hours are the hour and the minute hands of a correct clock in a straight line but opposite directions?

A. 102

B. 94

C. 76

D. 88 ✓

**Q20** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

KDRB : PWIY

UNCG : FMTX

A. TNDK : GMRP

B. DHEL : WSVO ✓

C. VQCX : EPXZ

D. FTZN : UGVW

**Q21** General Intelligence and Reasoning

Each of the digits in the number 34135278 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. 1

B. 2

C. 3 ✓

D. 4

**Q22** General Intelligence and Reasoning

Kalpit is standing in a park facing the south direction. Then, he takes two consecutive clockwise turns of $45^\circ$ each. Then, he takes a third turn of some degrees after which he is now facing the south-east direction. Of how many degrees and in which direction did he take the third turn?

A. $90^\circ$, anticlockwise

B. $90^\circ$, clockwise

C. $135^\circ$, anticlockwise ✓

D. $135^\circ$, clockwise

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**Q23** General Intelligence and Reasoning

The following table shows the number of sofa sets sold by four salespersons in three different months. Study the table and answer the question.

| Salespersons | May | June | July |
|---|---|---|---|
| Vishal | 125 | 110 | 95 |
| Arunima | 140 | 92 | 75 |
| Kartik | 188 | 114 | 80 |
| Mitali | 125 | 120 | 210 |

What is the percentage contribution of Vishal's May sale in the total sale of May?

A. 18.5%

B. 21.6% ✓

C. 23.4%

D. 25.6%

**Q24** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

4 : 8 :: 8 : 32 :: 12 : ?

A. 24

B. 72 ✓

C. 36

D. 144

**Q25** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$12.999 - 3.998 + 14.002 \times 3.998 + 27.008 \div 3.001 + 35.999 \div 5.998 = ?$

A. 68

B. 72

C. 80 ✓

D. 89

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**Q26** General Intelligence and Reasoning

If '+' means '–', '–' means '÷', '÷' means '×' and '×' means '+', what will come in place of the question mark (?) in the following equation?

$64 + 32 - 8 \times 11 \div 3 = ?$

A. 90

B. 93 ✓

C. 39

D. 35

**Q27** General Intelligence and Reasoning

Six persons, L, M, N, O, P and Q, have cooking classes in different months of the same year, viz. February, March, June, August, September and December.

P has the class immediately before Q. Only M has the class before O. L has the class immediately after N and before Q. Which of the following is correct?

A. M has the class in March.

B. L has the class in June.

C. Q has the class in February.

D. P has the class in September. ✓

**Q28** General Intelligence and Reasoning

Read the given statement and conclusions carefully. Assuming that the information given in the statements is true, decide which of the given conclusions logically follow(s) from the statement.

**Statement:**

Onion prices have skyrocketed due to shortage of onions and largescale hoarding by a few traders.

**Conclusions:**

I. The government must crackdown on the hoarders and impose stringent penalties on hoarders.

II. People must stop eating onions and switch to potatoes instead.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Neither conclusion I nor II follows

D. Both conclusions I and II follow

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**Q29** General Intelligence and Reasoning

Six boxes, A, B, C, D, E and F, are kept one over the other but not necessarily in the same order. Only one box is kept between B and D. Only two boxes are kept between B and E. E is kept just above A. F is kept just above B. Box A is not kept in the bottom most position. Which box is kept at the top?

A. E ✓

B. C

C. D

D. B

**Q30** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

8, 18, 38, 78, 158,?

A. 224

B. 306

C. 318 ✓

D. 324

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

P, Q, R, S, T, U and V were seven kids sitting around a square table, facing the centre. Three of them were sitting at the corners while four others were sitting at the exact centre of the sides. One of the corners was empty. U, sitting at one of the centre of the sides, was second to the right of T. There was one empty chair between P and U. R and Q were diagonally opposite to each other. T was at the immediate left of Q. S was to the immediate left of V. Who among the following was the kid at a corner position?

A. V ✓

B. S

C. T

D. U

**Q2** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

13, 17, 19, 23, 29, ?

A. 21

B. 31 ✓

C. 33

D. 35

**Q3** General Intelligence and Reasoning

Refer to the following number and symbol series and answer the question.

(Left) 5 2 # 3 % 2 3 & 8 $ 7 8 # 9 5 @ 6 & 4 9 $ 3 6 # 7 5 $ 8 % 6 2 & 8 2 % 3 8 @ 9 (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

A. 2

B. 5

C. 6 ✓

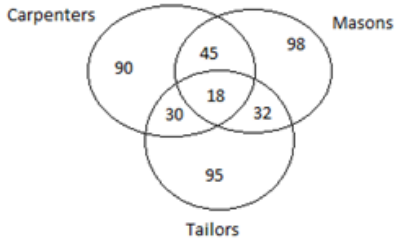
D. 8

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**Q4** General Intelligence and Reasoning

Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons in different professions.




How many Masons are Tailors as well?

A. 45

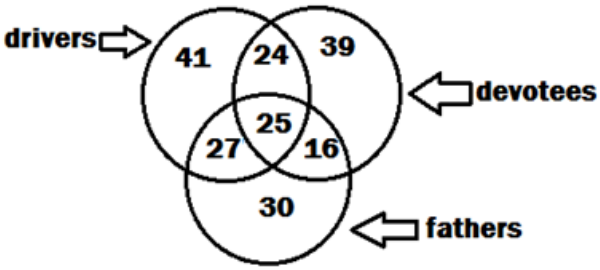
B. 32

C. 50 ✓

D. 18

**Q5** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such fathers are there who are also devotees?

A. 16

B. 25

C. 41 ✓

D. 49

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**Q6** General Intelligence and Reasoning

Which two numbers should be interchanged to make the given equation correct?

$11 + 13 \times 3 - 14 \div 7 = 44$

A. 11 and 13 ✓

B. 11 and 7

C. 14 and 11

D. 14 and 13

**Q7** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

B _ G K M _ T V _ C E _ L

A. DPYI

B. DOYH

C. DPYH ✓

D. DPZH

**Q8** General Intelligence and Reasoning

Five girls, Amita, Fauzia, Gargi, Ranjita and Sucheta, are sitting in a straight line. All are facing the north direction. Sucheta sits second to the left of Gargi. Fauzia sits third to the right of Sucheta. Only one girl is sitting between Amita and Ranjita. Amita is not sitting at any of the extreme ends. Which two girls are sitting at the extreme ends?

A. Ranjita and Gargi

B. Gargi and Sucheta

C. Sucheta and Fauzia

D. Ranjita and Fauzia ✓

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**Q9** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

G Y A B B R I B R X M R A Y E J S F U Y H U Y H N R P Q S D A I

How many letters are there in the English alphabetical series between the letter that is seventh from the left end and the letter that is sixth from the left end of the given series?

A. 5

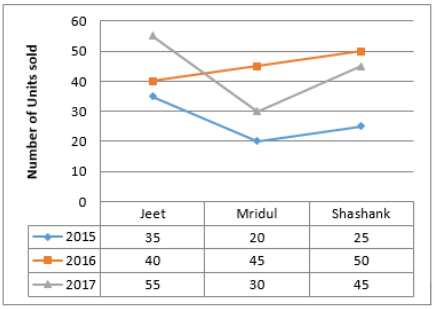
B. 7

C. 6

D. 8 ✓

**Q10** General Intelligence and Reasoning

The graph and the table below show the total units sold by three salesmen named Jeet, Mridul and Shashank in three different years i.e. 2015, 2016 and 2017. Study the graph and the table and answer the question.




| | Jeet | Mridul | Shashank |
|---|---|---|---|
| 2015 | 35 | 20 | 25 |
| 2016 | 40 | 45 | 50 |
| 2017 | 55 | 30 | 45 |

If Jeet has sold an average of 40 units in five years i.e. from 2015 to 2019, and if the number of units sold by Jeet in 2018 and 2019 is exactly same then how many units did he sell in the years 2018?

A. 40

B. 35 ✓

C. 45

D. 30

**Q11** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

15 : 24 :: 35 : 48 :: 63 : ?

A. 75

B. 36

C. 42

D. 80 ✓

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**Q12** General Intelligence and Reasoning

If 10 August 2021 was a Tuesday, then what day of the week was 18 September 2021?

A. Saturday ✓

B. Sunday

C. Monday

D. Tuesday

**Q13** General Intelligence and Reasoning

Q, W, E, R, T and Y live on seven different floors of the same building with one floor being vacant. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 7. T lives on the $7^{th}$ floor, and W lives on the $1^{st}$ floor. Q lives between E and R. One floor immediately above E is vacant. Only Y lives between R and W. The $5^{th}$ floor is occupied by E. On which floor does Q live?

A. $2^{nd}$

B. $3^{rd}$

C. $4^{th}$ ✓

D. $5^{th}$

**Q14** General Intelligence and Reasoning

What will come in place of the question mark (?) in the following equation if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

$15 - 8 \div 4 + 30 \times 5 = ?$

A. 39

B. 40

C. 41 ✓

D. 42

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**Q15** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | 5 | 4 | + | @ | ? | 3 | < | # | 2 | % | ! | 9 | = | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | B | S | R | T | U | P | D | Y | A | V | C | X | E | H |

Conditions:

(i) If the first element is a symbol and the last, a number, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last, an even number, the first and last elements are to be coded as Ø.

(iii) If both second and third elements are either symbols or numbers, the third element is to be coded as the code for the second element.

How will '5 % = 3 ! 9' be coded?

A. X V E P C B

B. Ø V E P C Ø

C. B V E P C X

D. B V V P C X ✓

**Q16** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

225, 221, 214, 201, 176, ?

A. 127 ✓

B. 125

C. 129

D. 132

**Q17** General Intelligence and Reasoning

Each of K, L, M, N and P has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. No exam is held on Friday and Saturday. Only two persons have exams between N and M. L's exam is held on Wednesday. Only one person has exam between N and L. P's exam is held on Sunday. Whose exam is held on Monday?

A. K

B. L

C. M

D. N ✓

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**Q18** General Intelligence and Reasoning

Five persons, P, Q, R, S and T, got jobs in five different years, viz. 1991, 1992, 1993, 1994 and 1995. Q got the job immediately before T. R got the job immediately after P. S got the job immediately after R. T got the job in the year 1992. Who got the job in the year 1995?

A. P

B. Q

C. R

D. S ✓

**Q19** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $Z > M = A < U \geq G \geq L = D$

A. $A > Z$

B. $A = G$

C. $G < D$

D. $U > M$ ✓

**Q20** General Intelligence and Reasoning

B was taking a morning walk. She started from a point and walked 50 m towards east. She then takes a right turn, walks 30 m, turns right again, and walks 50 m. She takes a final left turn, walks 10 m and stops. How far is she from the original starting point?

(All turns are 90 degree turns only)

A. 20 m

B. 30 m

C. 40 m ✓

D. 50 m

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**Q21** General Intelligence and Reasoning

Shobha started from point A and walked 10 m towards the east. She then took a left turn and walked another 10 m. She then took a right turn and walked 30 m. She then took a right turn and walked 15 m. She then took a right turn and walked 40 m. She then took a left turn and walked 5 m to reach a shopping mall. How far and in which direction is point A from the shopping mall ? (All turns are 90 degree turns only)

A. 10 m, South

B. 10 m, North ✓

C. 5 m, South

D. 5 m, North

**Q22** General Intelligence and Reasoning

Refer to the following number series and answer the question.

(Left) 2 5 4 3 7 8 6 7 9 4 3 7 8 6 2 3 4 8 9 4 8 7 6 4 3 7 2 8 9 7 5 3 2 4 5 9 (Right)

How many such odd numbers are there which are immediately preceded by an even number and also immediately followed by an even number? (Consider counting from left to right only)

A. Four ✓

B. Five

C. Six

D. Seven

**Q23** General Intelligence and Reasoning

Given below are three statements and three conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion/s follow/s the given statements.

Statements:

I. All candies are melons.

II. All biscuits are melons.

III. All cakes are biscuits.

Conclusions:

I. All cakes are melons.

II. Some candies are biscuits.

III. Some candies are not biscuits.

A. Only conclusion I follows ✓

B. Conclusions I and either conclusion II or III follow

C. Only conclusion III follows

D. None of the conclusions follow

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**Q24** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

18 : 96 : : 22 : 116 : : 23 : ?

A. 121 ✓

B. 132

C. 146

D. 164

**Q25** General Intelligence and Reasoning

In a certain code language, MARKS is written as QEVOW and CLOSE is written as GPSWI. How will DRIVE be written in the same language?

A. HVMZK

B. HVMZI ✓

C. GVNZI

D. HVMAJ

**Q26** General Intelligence and Reasoning

The table given below shows the production of different types of household items (in lakhs) by a certain company over the years. Study the table and the answer the question.

| Items / Years | Production of different household items | | | | | |
|---|---|---|---|---|---|---|
| | P | Q | R | S | T | U |
| 2016 | 70 | 80 | 75 | 90 | 50 | 80 |
| 2017 | 72 | 90 | 70 | 100 | 52 | 85 |
| 2018 | 75 | 95 | 80 | 100 | 58 | 90 |
| 2019 | 80 | 100 | 90 | 110 | 60 | 110 |
| 2020 | 85 | 90 | 95 | 118 | 64 | 120 |
| 2021 | 88 | 110 | 100 | 120 | 70 | 148 |

Which of the following type of household item was recorded as having the highest annual growth rate over one year in terms of production and in which year?

A. Items P in 2017

B. Items Q in 2018

C. Items R in 2018 ✓

D. Items S in 2017

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**Q27** General Intelligence and Reasoning

Among six friends, Pulkit, Aryan, Mahi, Somi, Vinay and Zeenat, each person scores different marks in an examination. Aryan scores less marks than only four other persons. Somi scores less marks than Mahi. Zeenat scores less marks than Vinay. Pulkit scores less marks than Aryan. Mahi scores less marks than Zeenat. Who scores the highest marks among all six friends?

A. Vinay ✓

B. Zeenat

C. Mahi

D. Pulkit

**Q28** General Intelligence and Reasoning

BTE 11 is related to DVG120 in a certain way. In the same way, PAN 9 is related to RCP 80. To which of the following is GMT 12 related following the same logic?

A. IOV 119

B. IOV 120

C. IOV 143 ✓

D. IOW 143

**Q29** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$68.27 - 140.1 + 9.99 \times 7.7 = ?$

A. 35

B. 25

C. 8 ✓

D. 16

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**Q30** General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

The government is proposing a ban on the export of wheat for the next 4 weeks in order to contain the rising prices in domestic markets.

**Arguments:**

I. Floods in various parts of the country has resulted in a steep drop in the output of wheat crop this season.

II. Ban on export of wheat will result in significant penalties in the international markets on non-fulfilment of existing contracts.

A. Argument I weakens, while argument II strengthens the statement

B. Argument II weakens, while argument I strengthens the statement ✓

C. Both arguments I and II weaken the statement

D. Both arguments I and II strengthen the statement

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**Q1** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

6, 8, 13, 23, 40,?

A. 52

B. 66 ✓

C. 75

D. 86

**Q2** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

24, 28, 35, 48, 73, ?

A. 123

B. 121

C. 122 ✓

D. 120

**Q3** General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

Private schools have increased their fees by 20 per cent for this academic year citing rising costs.

**Arguments:**

I. The government has lowered the taxes levied on private schools by 8 percent this year.

II. The Teacher's Union is protesting against the decision of private schools to cut salaries by 15 percent.

A. Argument I weakens, while argument II strengthens the statement

B. Argument II weakens, while argument I strengthens the statement

C. Both arguments I and II weaken the statement ✓

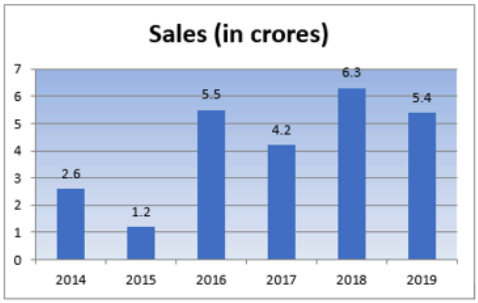
D. Both arguments I and II strengthen the statement

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**Q4** General Intelligence and Reasoning

The following chart shows the sales of Company-A in various years from 2014 to 2019. Study the chart and answer the question.




In which years was the sale below the average sale of all the six years?

A. 2014, 2015 and 2016

B. Only 2014 and 2015 ✓

C. Only 2014 and 2017

D. Only 2014

**Q5** General Intelligence and Reasoning

In a row of students facing north, Krish is 19th from the extreme left end while Maya is 30th from the extreme right end. When both of them interchange their positions, Krish becomes 36th from the extreme left end. How many students are there in the row?

A. 66

B. 62

C. 65 ✓

D. 63

**Q6** General Intelligence and Reasoning

Six teams named P, Q, R, S, T and U won tournaments in different months of the same year, viz. January, February, March, April, May and June. R won the tournament in January. Q won in the month immediately before U. P won the tournament in the month immediately before S. Exactly two teams won the tournaments between the months of R and S. In which month did T win the tournament?

A. February ✓

B. March

C. April

D. May

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**Q7** General Intelligence and Reasoning

Three statements are followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

1. All parrots are doves.
2. No dove is canary.
3. All flamingoes are canaries.

**Conclusions:**

**I.** Some flamingoes are parrots.

II. No canary is parrot.

III. No parrot is flamingo.

IV. Some canaries are parrots.

A. Only conclusions I follows

B. Only conclusions II and III follow. ✓

C. Only conclusions I and IV follow.

D. Only conclusion IV follows.

**Q8** General Intelligence and Reasoning

This question is based on the following three-letter words:
(Left) CAR HAT FED EYE (Right)

How many letters are there between the second letter of the first word from the left and the first letter of the first word from the right?

A. 6

B. 7 ✓

C. 8

D. 9

**Q9** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

3 : 25 :: 7 : 81 :: 11: ?

A. 121

B. 144

C. 169 ✓

D. 196

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**Q10** General Intelligence and Reasoning

If '+' means ' ÷ ', ' − ' means ' + ', ' × ' means ' − ' and '÷' means ' × ', then what will be the value of the following expression?

$[\{(36 \times 16) - (5 \div 3)\} + (2 - 5)]$

A. 1

B. 5 ✓

C. 10

D. 15

**Q11** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | @ | % | ! | 4 | 2 | 5 | # | ? | + | = | 3 | & | 7 | < |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | C | L | N | D | M | B | R | A | P | J | X | W | E | H |

Conditions:

(i) If the first element is a symbol and the last, a number, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last, an even number, the first and last elements are to be coded as Ø.

(iii) If both second and third elements are either numbers or symbols, the third element is to be coded as the code for the second element.

How will '% + < 2 5 =' be coded?

A. L P P M B J ✓

B. L P H M B J

C. L H H M B J

D. J H P M B L

**Q12** General Intelligence and Reasoning

In a certain code language, 'DOVE' is written as 'PEFW' and 'CROW' is written as 'SDXP'. How will 'MYNA' be written in that language?

A. NZOB

B. ZNBO ✓

C. ZMBO

D. ZNOB

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**Q13** General Intelligence and Reasoning

Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only three persons have exams between R and V. Only two persons have exams between Q and P. V's exam is on Saturday. Q's exam is immediately before R. Only U's exam is between P and V. T's exam is not held on Wednesday. Q's exam is on Monday. On which day is S's exam held?

A. Monday

B. Tuesday

C. Wednesday ✓

D. Sunday

**Q14** General Intelligence and Reasoning

Six frogs, P, Q, R, S, T and U, were sitting around a circular pond, facing the centre. T was second to the left of S. P was second to the right of U. P is not seated three places to the right of Q. There are exactly two frogs between Q and S. Which frog was sitting to the immediate right of P?

A. T

B. U

C. S

D. R ✓

**Q15** General Intelligence and Reasoning

Based on the given statement, four conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $P = L \geq K > J < F < N$

A. $K = F$

B. $J = L$

C. $P > J$ ✓

D. $N > K$

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**Q16** General Intelligence and Reasoning

Based on the given statement, two conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $A < Q$, $Q \leq X$, $E = A < T$

Conclusions:

1. $T < E$

2. $A = X$

A. Only conclusion 1 is true

B. Only conclusion 2 is true

C. Both conclusions 1 and 2 are true

D. Neither conclusion 1 nor 2 is true ✓

**Q17** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

8 : 67 : : 10 : 103 : : 17 : ?

A. 145

B. 192

C. 292 ✓

D. 312

**Q18** General Intelligence and Reasoning

Six teachers, C, D, E, F, G and H, are sitting around a circular table. They were facing the centre of the table. Exactly two people sit between H and D, while F is sitting to the immediate left of C. E is sitting to the immediate right of H. D is an immediate neighbour of both G and F. Who is the third person to the left of C?

A. D

B. G ✓

C. H

D. C

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**Q19** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

NECTAR : TCVEGP : : POCKET : VGMEQR : : MONKEY : ?

A. AGMPQO ✓

B. AGMRSO

C. BHMPQP

D. AFMPQN

**Q20** General Intelligence and Reasoning

Six houses, K, L, M, N, O and P, are located in the same colony. L is 50 m to the south of K. P is 250 m to the west of K. O is 200 m to the north of K. N is 190 m to the south of L. M is 150 m to the east of L. In which direction is House O with reference to House L?

A. East

B. West

C. North ✓

D. South

**Q21** General Intelligence and Reasoning

The following question is based on the given five, 3-digit numbers.

(Left) 721, 463, 227, 316, 627 (Right)

(For example, 456: 6 = digit in unit's place, 5 = digit in ten's place, 4 = digit in hundred's place)

NOTE - All operations to be done from left to right.

If the digit in unit's place of each number is interchanged with the digit in hundred's place of the same number, which original number will become the largest number?

A. 721

B. 627 ✓

C. 227

D. 316

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**Q22** General Intelligence and Reasoning

Anuj started to walk from a point A and goes 10 m towards North and then turned left and walked 5 m. He then turned right and walked a distance of 5 m and then again turned right and walked a distance of 5 m before stopping at point P. How far and towards which direction should he walk in order to reach Point A starting from Point P?

(All turns are 90 degree turns only)

A. 5m towards East

B. 10m towards West

C. 15m towards North

D. 15m towards South ✓

**Q23** General Intelligence and Reasoning

If '+' means '–' , '–' means '÷' , '÷' means '×' and '×' means '+', what will come in place of the question mark (?) in the following equation?

$24 - 3 \times 12 + 4 \div 3 = ?$

A. 8 ✓

B. 10

C. 11

D. 12

**Q24** General Intelligence and Reasoning

If '+' means '–' , '–' means '÷' , '÷' means '×' and '×' means '+', what will come in place of the question mark (?) in the following equation?

$21 + 48 - 8 \times 6 \div 4 = ?$

A. 37

B. 38

C. 39 ✓

D. 40

**Q25** General Intelligence and Reasoning

Today is a Wednesday. What day of the week will it be after 75 days?

A. Tuesday

B. Monday ✓

C. Wednesday

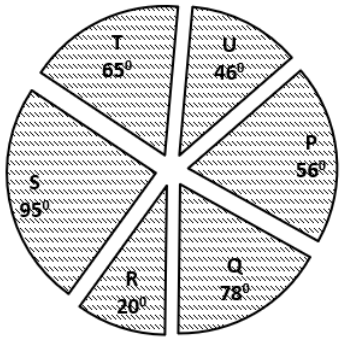
D. Friday

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**Q26** General Intelligence and Reasoning

The pie chart given below shows the expenditure of a certain company across various sectors – P, Q, R, S, T and U – during a particular year. Study the graph and answer the question.




What approximate percentage of the total spending is spent on sector S?

A. 26.4% ✓

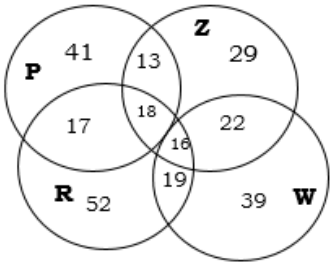
B. 28.3%

C. 24%

D. 20.05%

**Q27** General Intelligence and Reasoning

In the following diagram, R = Students, P = Boys, W = Girls, and Z = Psychology. The numbers in different sections indicate the number of persons. How many girls are psychology students?




A. 19

B. 18

C. 17

D. 16 ✓

**Q28** General Intelligence and Reasoning

How many such pairs of letters are there in the word 'PARTICLE' (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. None

B. One

C. Two ✓

D. Three

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**Q29** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

G _ Q _ A _ T _ N _ G T Q N _ G _ Q N D

A. T N G Q B C T ✓

B. T G G Q B C Q

C. T N G Q B Q C

D. T A G N B C T

**Q30** General Intelligence and Reasoning

Given below are three statements and three conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion/s follow/s the given statements.

Statements:

I. Some monkeys are pandas.

II. Some pandas are giraffes.

III. All giraffes are lions.

Conclusions:

I. Some lions are pandas.

II. Some lions are monkeys.

III: Some giraffes are monkeys.

A. Only conclusion I follows ✓

B. Conclusions I and III follow

C. Only conclusion III follows

D. All the conclusions follow

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**Q1** General Intelligence and Reasoning

Six girls named P, Q, R, S, T and U are sitting in a straight line. All are facing the north direction. U sits third to the left of R. S sits third to the right of Q. U sits second to the left of Q. T is not the immediate neighbour of U. What is P's position in the line?

A. Second from the extreme left end ✓

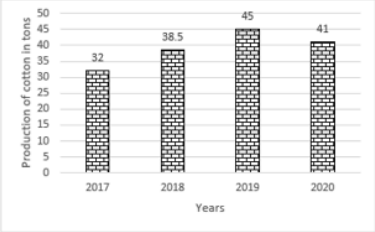
B. At the extreme left end

C. Third from the extreme left end

D. Third from the extreme right end

**Q2** General Intelligence and Reasoning

The following bar graph shows the production of cotton (in tons) over the years.
Study the graph and answer the question.




What is the approximate percentage increase in the production of cotton in 2020 as compared to 2017?

A. 26%

B. 25.05%

C. 28.12% ✓

D. 30.50%

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**Q3** General Intelligence and Reasoning

The table given below shows the number of students who were interviewed and who got selected by the universities A, B, C and D over the years. Study the table and answer the question.

| Students / Years | A | | B | | C | | D | |
|---|---|---|---|---|---|---|---|---|
| | Interviewed | Selected | Interviewed | Selected | Interviewed | Selected | Interviewed | Selected |
| 2017 | 1500 | 700 | 1200 | 800 | 1800 | 1000 | 1200 | 750 |
| 2018 | 1600 | 800 | 1500 | 600 | 2000 | 1120 | 1400 | 460 |
| 2019 | 2200 | 900 | 2000 | 680 | 1800 | 1100 | 2000 | 500 |
| 2020 | 1500 | 950 | 1600 | 700 | 1800 | 1200 | 1500 | 450 |
| 2021 | 1100 | 400 | 1500 | 490 | 1300 | 800 | 1300 | 350 |

In university C, the total number of students selected over the years was approximately what percentage of the total number of students who were interviewed over the years?

A. 40%

B. 50%

C. 60% ✓

D. 65%

**Q4** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(2, 4, 18)

(4, 6, 50)

A. (3, 5, 32) ✓

B. (2, 5, 49)

C. (6, 7, 65)

D. (5, 4, 18)

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**Q5** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | 8 | = | 4 | 7 | @ | % | > | 2 | ! | ? | 5 | 3 | < | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | Z | F | T | J | D | H | E | X | V | W | K | U | P | A |

Conditions:

(i) If the first element is a symbol and the last, a number, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last, an even number, the first and last elements are to be coded as Ø.

(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '3 = < 2 @ 8' be coded?

A. Ø F E X D Ø

B. Ø F P X D Ø ✓

C. Ø P F X D Ø

D. Ø F ED X Ø

**Q6** General Intelligence and Reasoning

If '+' means ' ÷ ', '−' means '+', ' × ' means '−' and '÷' means ' × ', then, what will be the value of the following expression?

$[\{(12 \times 3) - (2 \div 3)\} + (1 - 4)] \div 4$

A. 9

B. 16

C. 12 ✓

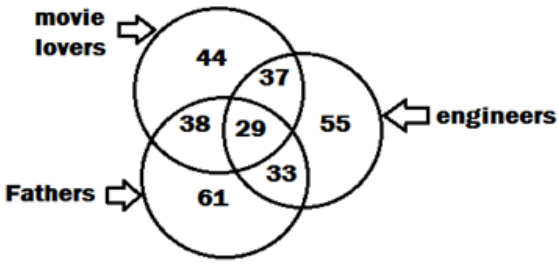
D. 8

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**Q7** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such fathers are there who are also movie lovers but NOT engineers?

A. 29

B. 44

C. 38 ✓

D. 61

**Q8** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts, and decide which of the given conclusions logically follow/s from the given statements.

Statements:

Some hotels are dormitories.

Some gates are shelters.

All shelters are fences.

Conclusions:

(I) Some gates are dormitories.

(II) Some fences are gates.

(III) Some hotels are shelters.

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Either conclusion I or conclusion III follows

D. None of the conclusions follow

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**Q9** General Intelligence and Reasoning

Six doctors, K, L, M, N, O and P, are sitting in a straight line. All are facing the north direction. Only O is sitting between N and L. Only P is sitting between L and K. K sits fifth to the right of M. Who is sitting to the immediate right of M?

A. N ✓

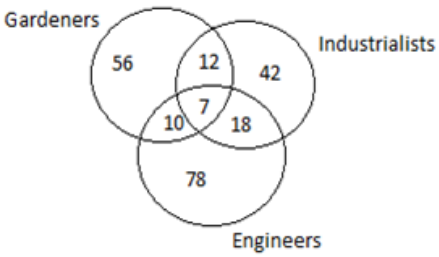
B. P

C. L

D. O

**Q10** General Intelligence and Reasoning

Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons with different professions.




How many people are Gardeners but NOT Engineers?

A. 56

B. 68 ✓

C. 75

D. 80

**Q11** General Intelligence and Reasoning

Janhvi and Pranitha are standing at the extreme ends of a row in which all the students are facing the north. Only 26 students are standing between Janhvi and Ravi. Only 14 students are standing between Ravi and Pranitha. Total how many students are standing in the line?

A. 42

B. 43 ✓

C. 44

D. 45

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**Q12** General Intelligence and Reasoning

Refer to the following number series and answer the question.

2 5 2 6 5 2 2 6 3 8 9 5 6 3 6 2 2 5 5 3

How many such numbers are there in the series each of which is immediately preceded by an odd number and also immediately followed by an odd number?

A. 1

B. 2

C. 3 ✓

D. 4

**Q13** General Intelligence and Reasoning

Each of the digits in the number 318924765 is arranged in descending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. None

B. One ✓

C. Two

D. Three

**Q14** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $F = E \geq D = A > Z < S = O$

Conclusions:

I. $F \geq D$

II. $D < O$

A. Only conclusion I is true ✓

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true

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**Q15** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below:

(Left) 448 455 275 563 215 (Right)

What will be the resultant if the third digit of the largest number is added to the second digit of the smallest number?

A. 3

B. 4 ✓

C. 5

D. 6

**Q16** General Intelligence and Reasoning

Six friends, Arun, Suresh, Rahul, Priyanka, Dilan and Hiba, took a test online. All of them scored different marks in the test. Suresh scored more than Priyanka but less than Arun. Hiba scored the least. Dilan scored less than Rahul. Arun scored more than Priyanka and Rahul. Who among the six scored the most?

A. Suresh

B. Arun ✓

C. Rahul

D. Priyanka

**Q17** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

STM : RUL

PJR : OKQ

A. MTL : LUM

B. TCS : SDR ✓

C. BUP : AVQ

D. VEW : UDV

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**Q18** General Intelligence and Reasoning HINDI - no English version saved

इस प्रश्न में, संख्याओं/प्रतीकों के एक समूह को नीचे दी गई तालिका और उसके बाद दी गई शर्तों के अनुसार अक्षरों का उपयोग करके कूटबद्ध किया गया है। शर्तों के अनुसार कूटों का सही संयोजन आपका उत्तर होगा।

| संख्या/प्रतीक | ^ | # | 5 | 7 | @ | % | > | 2 | ! | ? | 4 | 8 | $ | 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| कूट | L | F | B | J | D | H | E | X | V | Z | K | U | R | P |

शर्तें:

यदि पहला तत्व एक प्रतीक है, और अंतिम तत्व एक संख्या है, तो इन दोनों के कूटों को परस्पर बदला जाना चाहिए।

यदि पहला तत्व एक विषम संख्या है, तो पहले और अंतिम तत्वों को क्रमशः Ø और ¥ के रूप में कूटबद्ध किया जाएगा।

यदि दूसरे और तीसरे तत्व, दोनों पूर्ण वर्ग हैं, तो तीसरे तत्व को दूसरे तत्व के कूट के रूप में कूटबद्ध किया जाएगा।

'7 # ^ 2 !' को किस प्रकार कूटबद्ध किया जाएगा?

A. J B F V Z

B. J F L X ¥

C. Ø F L X ¥ ✓

D. Ø F L X V

**Q19** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

Q W _ R _ X E _ Q _ E R Q Z E _

A. EQZYR

B. EQRYR ✓

C. EQRYE

D. EQRER

**Q20** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

5, 6, 10, 12, 15, ?, 20, 24

A. 19

B. 21

C. 20

D. 18 ✓

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**Q21** General Intelligence and Reasoning

If each of the digits in the number given below is arranged in the descending order from left to right, what will be the sum of the digits that are second from the left and third from the right in the new number thus formed?

(Left) 259812357 (Right)

A. 8

B. 10 ✓

C. 11

D. 12

**Q22** General Intelligence and Reasoning

Refer to the following letter, number and symbol series and answer the question.

(Left) 4 T 6 S 2 A D & C E 2 4 + & 7 6 U 5 H U K 8 E W @ E A & P (Right)

How many such vowels are there in the series which are immediately preceded by a number and also immediately followed by a consonant?

A. None

B. One

C. Two ✓

D. Three

**Q23** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

9, 10, 22, 69, 280,?

A. 560

B. 576

C. 1405 ✓

D. 1450

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**Q24** General Intelligence and Reasoning

Vishal is standing in a park facing the south direction. He then turns 90° clockwise on the same point. After that, he turns 45° clockwise. In which direction is he facing now?

A. South-west

B. North-east

C. North-west ✓

D. South-east

**Q25** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

27 : 140 :: 22 : 115 :: 32 : ?

A. 140

B. 165 ✓

C. 130

D. 155

**Q26** General Intelligence and Reasoning HINDI - no English version saved

छः डिब्बों - A, B, C, D, E और F को एक ऊर्ध्वाधर स्तंभ में व्यवस्थित किया गया है, किंतु उनका इसी क्रम में होना अनिवार्य नहीं है। B को ऊपर से दूसरे स्थान पर रखा गया है। केवल D को A और B के बीच रखा गया है। E, D के नीचे किसी एक स्थान पर है, और E और D के बीच केवल एक डिब्बा रखा गया है। F सबसे निचले स्थान पर नहीं है। कौन सा डिब्बा नीचे से दूसरे स्थान पर रखा गया है?

A. D

B. C

C. A

D. E ✓

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**Q27** General Intelligence and Reasoning HINDI - no English version saved

एक कथन और उसके बाद दो धारणाएं I और II दी गई हैं। आपको कथन में दी गई जानकारी को सत्य मानते हुए यह बताना है कि दी गई धारणाओं में से कौन सी धारणाएं कथन में निहित हैं?

**कथन:**

परिवहन कर्मियों की हड़ताल के कारण बस सेवाएं पूरी तरह ठप हो गईं, जिसकी वजह से लोग अपने कार्यस्थलों पर नहीं पहुंच सके।

**धारणा:**

I. नागरिकों को मेट्रो रेल सेवाओं का अधिक उपयोग करना चाहिए।

II. बहुत से लोग अपने कार्यस्थल पर जाने के लिए बस सेवाओं पर निर्भर हैं।

A. केवल धारणा I निहित है

B. केवल धारणा II निहित है ✓

C. न तो धारणा I और न ही II निहित है

D. धारणा I और II, दोनों निहित हैं

**Q28** General Intelligence and Reasoning

Which of the following years was a leap year?

A. 2002

B. 2006

C. 2012 ✓

D. 2018

**Q29** General Intelligence and Reasoning

All 65 students of a class are standing in a row facing the north. Amrit is $46^{th}$ from the extreme left end of the row, whereas Kashvi is $14^{th}$ from the extreme right end. How many students are standing between Amrit and Kashvi?

A. 4

B. 5 ✓

C. 6

D. 7

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**Q30** General Intelligence and Reasoning

Sujata is standing in a park facing the east direction. She then turns $135^{\circ}$ anticlockwise. After that, she turns $90^{\circ}$ anticlockwise. Then, she turns $45^{\circ}$ clockwise. In which direction is she facing now?

A. East

B. North-west

C. West ✓

D. South-west

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**Q1** General Intelligence and Reasoning

The table given below shows the number of students (girls and boys), in thousand numbers, who got admissions on merit basis in a certain well-recognised university 'XYZ' from four different places – J, K, L and M – over the years. Study the table and answer the question.

| Places / Years | J | | K | | L | | M | |
|---|---|---|---|---|---|---|---|---|
| | Boys | Girls | Boys | Girls | Boys | Girls | Boys | Girls |
| 2016 | 12.5 | 10 | 14 | 7.5 | 7 | 10 | 6 | 9 |
| 2017 | 10 | 9 | 13 | 7 | 8.5 | 11 | 8 | 7 |
| 2018 | 11 | 9 | 10 | 8.5 | 8 | 6 | 5 | 4 |
| 2019 | 9.5 | 7 | 11 | 9 | 9 | 8 | 10 | 11 |
| 2020 | 10.5 | 6 | 12 | 10.5 | 10.5 | 9.5 | 14 | 12 |
| 2021 | 12 | 8 | 10 | 9.5 | 11 | 10 | 15 | 18 |

The total number of boys who got admission from places J and M in 2017 was exactly equal to the total number of girls who got admission from place M in which of the following years?

A. 2017

B. 2019

C. 2020

D. 2021 ✓

**Q2** General Intelligence and Reasoning

Five girls, Beena, Elisa, Hema, Ketaki and Zoya, are sitting around a circular table facing the centre of the table. Beena is sitting to the immediate left of Ketaki. Hema is sitting to the immediate right of Zoya. Only Ketaki is sitting between Beena and Elisa. Who is sitting to the immediate right of Elisa?

A. Ketaki

B. Hema

C. Zoya ✓

D. Beena

**Q3** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing the north. Rahul is at the $8^{th}$ place from the left end of the row. Only 11 persons are sitting between Rahul and Samar. Samar is at some place towards the right of Rahul. Mohit is to the immediate left of Zeeshan, who is sitting at the extreme right end. Samar is at the $9^{th}$ place from the extreme right end. If no other person is sitting in the row, what is the total number of persons seated?

A. 26

B. 27

C. 28 ✓

D. 29

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**Q4** General Intelligence and Reasoning

This question is based on the following three-letter words:

(Left) NAT PAL COT TAN (Right)

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

A. One ✓

B. Two

C. Three

D. Four

**Q5** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

6 : 150 : : 4 : 36 : : 5 : ?

A. 78

B. 80 ✓

C. 82

D. 84

**Q6** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

43, 80, 117, 154, ?

A. 196

B. 190

C. 193

D. 191 ✓

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**Q7** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

F _ L N _ S V _ Z C _

A. IPXF ✓

B. IQXF

C. IPYF

D. IPXE

**Q8** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$12.998 + 20.009 \div 4.998 - 2.999 \times 2.998 = ?$

A. 8 ✓

B. 12

C. 16

D. 19

**Q9** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word 'ANOTHER' is arranged in alphabetical order?

A. None

B. 1 ✓

C. 2

D. 3

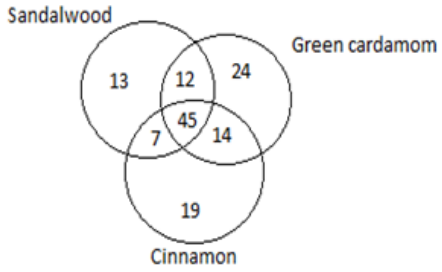
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**Q10** General Intelligence and Reasoning

Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of recipes in a cook book using the given ingredients.




How many recipes use exactly any two of the given ingredients?

A. 33 ✓

B. 12

C. 14

D. 7

**Q11** General Intelligence and Reasoning

Parvati starts walking from point A and covers 35 m towards the south. From there, she takes a left turn and walks 60 m. Then, she takes a left turn and walks 15 m. After that, she takes a left turn and walks 90 m. Finally, she takes a right turn and walks 20 m to reach point D. How far and in which direction is point D from point A ? (All turns are 90 degree turns only)

A. 30 m, West ✓

B. 30 m, East

C. 20 m, West

D. 20 m, South

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**Q12** General Intelligence and Reasoning

A statement is given followed by two possible conclusions I and II. Read all the information given in the statement carefully and decide which of the given conclusions can be concluded from the given information.

**Statement:**

An online teaching platform has reported to earn almost double through subscriptions ever since they started LIVE problem-solving classes on the platform.

**Conclusions:**

I. No other online teaching platform offers LIVE problem-solving classes.

II. Students who opt for LIVE problem-solving sessions on the said platform have to pay double the fees as compared to those who opt for regular classes.

A. Only I can be concluded

B. Only II can be concluded

C. Both I and II can be concluded

D. Neither I nor II can be concluded ✓

**Q13** General Intelligence and Reasoning

Each of A, B, C, D, E, F and G has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. C has the exam on Tuesday. Only one person has the exam between A and G, A has exam before G. D has the exam on the day immediately before A, but not on Thursday. F's exam is on one of the days before E but after B. E has exam on Sunday. Who among the following has the exam on Monday?

A. E

B. D

C. B ✓

D. F

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## Q14 General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/Symbol | 6 | 5 | 4 | 3 | % | # | 8 |
|---|---|---|---|---|---|---|---|
| Codes | R | G | U | W | K | P | B |

Conditions:

(i) If the first element is an odd number and the last element is an even number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the second element is a symbol and the fifth element is an even number, the codes for these two (the second and the fifth elements) are to be interchanged.

(iii) If the third element is a number and the fourth element is a symbol, both these elements (the third and the fourth elements) are to be coded as Y.

Question:6 # % 3 8 5 # 4

A. R B K W P G P U ✓

B. R P K W B G P U

C. R B Y Y P G P U

D. B U K W P G P R

## Q15 General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All wires are switches.

No switch is a pipe.

All bulbs are pipes.

**Conclusions:**

I. No wire is a pipe.

II. No bulb is a switch.

A. Only conclusion I follows

B. Only conclusion II follows

C. Both conclusions I and II follow ✓

D. Neither conclusion I nor II follows

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**Q16** General Intelligence and Reasoning

If 1 is added to each odd digit and 1 is subtracted from each even digit in the number given below, what will be the difference in the digits that are third from the left and third from the right in the new number thus formed?

(Left) 86547231 (Right)

A. 3

B. 4

C. 5 ✓

D. 6

**Q17** General Intelligence and Reasoning

The following table shows the number of two-wheelers sold by five automobile companies named K, L, M, N and O in three different years from 2019, 2020, 2021. Study the table and answer the question.

| Companies | 2019 | 2020 | 2021 |
|---|---|---|---|
| K | 210 | 240 | 320 |
| L | 655 | 345 | 225 |
| M | 235 | 340 | 765 |
| N | 265 | 325 | 650 |
| O | 650 | 345 | 555 |

What is the percentage share of sale of company M done in the year 2019 in the total sale of Company M in all three years taken together?

A. 15.3%

B. 16.4%

C. 17.5% ✓

D. 19.8%

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**Q18** General Intelligence and Reasoning

Based on the given statement, two conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $T \geq C, B < D, C > B$

Conclusions:

1. $D = C$

2. $T > B$

A. Only conclusion 1 is true

B. Only conclusion 2 is true ✓

C. Both conclusions 1 and 2 are true

D. Neither conclusion 1 nor 2 is true

**Q19** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/symbol | 8 | 3 | ! | & | 4 | # | 6 | @ | $ | 7 |
|---|---|---|---|---|---|---|---|---|---|---|
| Code | Q | W | E | R | T | Y | U | L | P | K |

Conditions:
(i) If the second element is a symbol and the last is also a symbol, then these two symbols do not require coding.
(ii) If the first element is an even number and the last is a symbol, the codes of the first and last elements are to be interchanged.
(iii) If the question has more than two odd numbers, then all even numbers do not require coding.
(iv) if none of the conditions apply, use the codes directly

Question: 7 # $ 4 6 @ 4 ! 8 3

A. KYPYULTEQW

B. KYPTULTEQW ✓

C. WYP4UL4EQK

D. KYP46L4E8W

**Q20** General Intelligence and Reasoning

If the time in the mirror image of a 12-hour clock is 3:55, what is the actual time?

A. 8:25

B. 7:05

C. 7:25

D. 8:05 ✓

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**Q21** General Intelligence and Reasoning

Based on the given statement, four conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $J > H = N \geq B \leq C < E$

A. $H < B$

B. $B < J$ ✓

C. $N > C$

D. $N > E$

**Q22** General Intelligence and Reasoning

If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 457943246, what will be the sum of the digits that are fourth from the left and fourth from the right?

A. 8

B. 10 ✓

C. 12

D. 16

**Q23** General Intelligence and Reasoning

How many such pairs of letters are there in the word 'ROASTERS' (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. One

B. Two

C. Three ✓

D. Four

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**Q24** General Intelligence and Reasoning

Three statements are given followed by three conclusions I,II and III. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Choose which of the given conclusions logically follow/s from the given statements.

**Statements:**

1. All sugars are jaggery.
2. No jaggery is sweetener.
3. All sweeteners are fruits.

**Conclusions:**

I. No sugar is sweetener.

II. Some jaggeries are sweeteners.

III. Some jaggeries are sugars.

A. Only conclusions I and II follow.

B. Only conclusions II and III follow.

C. All conclusions follow.

D. Only conclusion I and III follow. ✓

**Q25** General Intelligence and Reasoning

J, K, L, M, N, O and P are seven comedians sitting in a straight row facing north. O and L are immediate neighbours. Only two people sit to the left of K. L is to the immediate right of N. P is an immediate neighbour of both K and N. If J is at the extreme left end of the row, who sits at the extreme right end?

A. N

B. P

C. O ✓

D. M

**Q26** General Intelligence and Reasoning

Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Exactly two boxes are kept between C and D with C placed above D. F is immediately below A. G is immediately above B. B is the third box from the top. Exactly two boxes are kept between D and E with D placed above E. Only one box is kept between E and A. Which box is kept just above E?

A. D

B. F ✓

C. G

D. C

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**Q27** General Intelligence and Reasoning

Six poles, A, B, C, D, E and F, are located in the same colony. B is 20 m to the west of C. F is 60 m to the south of E. C is 30 m to the north of E. A is 60 m to the west of B. D is 30 m to the south of B. In which direction is A with reference to C?

A. East

B. West ✓

C. North

D. South

**Q28** General Intelligence and Reasoning

Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

PY – RW – TU

EN – GL – IJ

A. DE – EF – FG

B. MT – OR – QP ✓

C. XC – YB – ZA

D. UV – TU – ST

**Q29** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 are not allowed.)

(12, 61, 7)

(15, 51, 6)

A. (12, 46, 4)

B. (14, 78, 8) ✓

C. (16, 70, 9)

D. (20, 54, 5)

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**Q30** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

11, 31, 55, 84, 119,?

A. 131

B. 142

C. 157

D. 161 ✓

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

FINE : GKQI :: MOST : NQVX :: SEAL : ?

A. TPGD

B. PGTD

C. TGDP ✓

D. TGPD

**Q2** General Intelligence and Reasoning

In a class of 11 students, each scored differently. V's rank from the bottom is $6^{th}$, while D's rank from the top is $4^{th}$. T's rank from the top is exactly between the ranks of V and D. What is T's rank from the bottom?

A. $5^{th}$

B. $8^{th}$

C. $7^{th}$ ✓

D. $9^{th}$

**Q3** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷' and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$24 + 16 \div 132 \times 11 - 3 = ?$

A. 40

B. 42

C. 44 ✓

D. 46

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**Q4** General Intelligence and Reasoning

Refer to the following letter and number series and answer the question.

(Left) G C 6 8 T 7 D 4 6 K 2 R Y 3 5 E S A 4 T Y 7 8 G T (Right)

If all the numbers are dropped from the series, how many letters are there in the English alphabetical order between the letter that is fourth from the right end and the letter that is sixth from the left end of the given series?

A. None

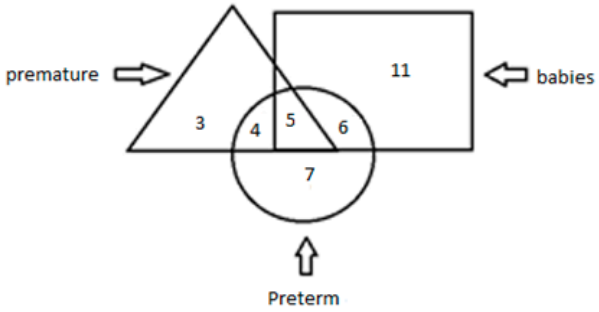
B. One ✓

C. Two

D. Three

**Q5** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such babies are there who are NEITHER premature NOR preterm?

A. 4

B. 5

C. 6

D. 11 ✓

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**Q6** General Intelligence and Reasoning

A decision is given followed by two statements I and II. Read all the information carefully and select the correct option.

**Decision:**

In order to promote tourism, Country W is declaring 20 of its cities as Heritage Sites.

**Statements:**

I. 4 of the 20 cities are located in hilly areas and have limited access to transport.

II. In the past whenever a city in Country W has been promoted for tourism, it has led to increased employment opportunities in that city.

A. Both statements I and II strengthen the decision

B. Statement I weakens the decision and statement II strengthens the decision ✓

C. Both statements I and II weaken the decision

D. Statement I is a neutral statement and statement II strengthens the decision

**Q7** General Intelligence and Reasoning

How many such pairs of letters are there in the word 'DEVELOP' (in both forward and backward directions) each of which have as many letters between them in the word as there are in the English alphabetical order?

A. 1

B. 2 ✓

C. 3

D. 4

**Q8** General Intelligence and Reasoning

How many such pairs of letters are there in the word 'ABILITY' (in both forward and backward directions) each of which have as many letters between them in the word as there are in the English alphabetical order?

A. 1 ✓

B. 2

C. 3

D. 4

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**Q9** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

P_TP_S_CT_RSPC_PR_P_T_RS

A. C S P C R P T P

B. C R P P T S C P ✓

C. C C P P P R S T

D. C R P C S P P T

**Q10** General Intelligence and Reasoning

Five persons, A, B, C, D and E, are sitting in a straight line. All are facing the north direction. D sits to the immediate left of A. Only two persons are sitting between D and B. C sits second from the extreme right end of the line. Only two persons are sitting between C and E. Who is sitting to the immediate right of E?

A. A

B. B

C. C

D. D ✓

**Q11** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

23, 31, 95, 311, ?

A. 832

B. 823 ✓

C. 818

D. 876

**Q12** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

8, 17, 33, 63, 114, 193, ?

A. 370

B. 377

C. 307 ✓

D. 347

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**Q13** General Intelligence and Reasoning

The following table shows the break-up of the costs (in ₹) incurred by a company in the production of five products, A to E. Study the table and answer the question.

| Product | A | B | C | D | E |
|---|---|---|---|---|---|
| Raw material | 400 | 200 | 700 | 300 | 400 |
| Manufacturing | 80 | 40 | 150 | 80 | 100 |
| Advertisement | 180 | 70 | 200 | 170 | 200 |
| Labour | 200 | 180 | 400 | 140 | 250 |
| Miscellaneous | 40 | 10 | 50 | 10 | 50 |
| **Total cost** | **900** | **500** | **1500** | **700** | **1000** |

Which of the following products has the maximum manufacturing cost in comparison to its total cost of production?

A. A

B. B

C. C

D. D ✓

**Q14** General Intelligence and Reasoning

In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$Q = R > S \leq T < U > V = Z$

**Conclusions:**

1. $U > S$

2. $Q < T$

3. $S < V$

4. $Z > U$

A. 1 ✓

B. 2

C. 3

D. 4

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**Q15** General Intelligence and Reasoning

Sujlam started from a point facing towards the west, turned left and walked for 10 m, then turned right and walked for 12 m, then turned left and walked for 11 m, and then turned left again at point P and walked for 17 m. Prior to turning left at point P, he was facing in which direction?

(All turns are 90 degree turns only)

A. East

B. West

C. North

D. South ✓

**Q16** General Intelligence and Reasoning

In a certain code language, MUTINY is written as 25149202113 and MAGIC is written as 397113. How will NECTAR be written in the same language?

A. 191253014

B. 182203614

C. 182103513

D. 181203514 ✓

**Q17** General Intelligence and Reasoning

Based on the given statement, four conclusions are drawn. Find out which conclusion is NOT true based on the statement.

Statement: $B > F \geq P > L = K \leq W < M$

A. $L < M$

B. $F > K$

C. $P = K$ ✓

D. $B > L$

**Q18** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

$12 - 104 \times 8 + 5 \div 4 = ?$

A. 5 ✓

B. 7

C. 9

D. 11

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**Q19** General Intelligence and Reasoning

In this question, a group of letters is coded using numbers as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Letter/ Symbol | I | L | M | H | Y | O | C | E | R |
|---|---|---|---|---|---|---|---|---|---|
| Code | 4 | 5 | 9 | 1 | 2 | 3 | 6 | 7 | 8 |

Conditions:

(i) If the first element is a vowel and the last, a consonant, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is a consonant and the last, an vowel, the first and last elements are to be coded as 0.

(iii) If both the second and the fifth elements are vowels, the fifth element is to be coded as the code for the second element and vice-versa.

Question: EICHER

A. 876417

B. 814767

C. 876147 ✓

D. 877416

**Q20** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(5, 21, 2)

(7, 33, 4)

A. (8, 51, 9) ✓

B. (11, 24, 3)

C. (6, 40, 8)

D. (10, 93, 3)

**Q21** General Intelligence and Reasoning

Five students - 1, 2, 3, 4 and 5 - are sitting around a circular table facing the centre. 4 is sitting to the immediate right of 1 and immediate left of 2. 5 is sitting second to the left of 1. Which of the following statements is true?

A. 5 is sitting third to the right of 3.

B. 1 is the immediate neighbour of 5.

C. 3 is sitting between 5 and 1. ✓

D. 2 is sitting between 4 and 1.

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**Q22** General Intelligence and Reasoning

Pole E is to the north of pole U and east of pole R. Pole N is to the west of pole U and east of pole I. Pole J is to the south of pole I. What is the position of pole R with respect to pole U?

A. North

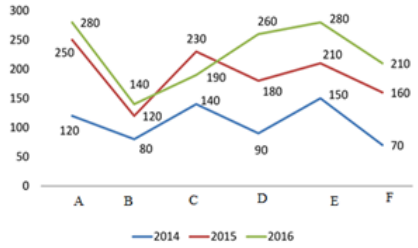
B. South

C. South-west

D. North-west ✓

**Q23** General Intelligence and Reasoning

The following line graph shows the number of admissions of students (in thousands) in six different districts, A, B, C, D, E and F, in three consecutive years, 2014, 2015 and 2016. Study the graph and answer the question.




What is the difference between the total number of admissions in district B for the given three years and the total number of admissions in district E for the first two consecutive years (2014 and 2015)?

A. 80

B. 20 ✓

C. 40

D. 25

**Q24** General Intelligence and Reasoning

In a queue of boys, there are exactly 8 boys standing between Suraj and Bheem. Suraj is $21^{st}$ from the front, while Bheem is at the first position from the back. How many total boys are there in the queue?

A. 29

B. 31

C. 30 ✓

D. 32

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**Q25** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷' and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$28 - 2 + 80 \times 5 \div 14 = ?$

A. 52

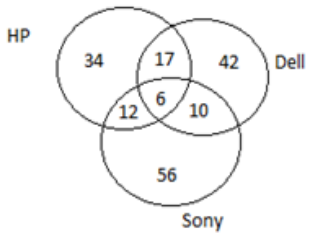
B. 54 ✓

C. 25

D. 45

**Q26** General Intelligence and Reasoning

Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons using different brands of laptop in an IT office.




How many people use both Sony and Dell laptops?

A. 6

B. 10

C. 16 ✓

D. 20

**Q27** General Intelligence and Reasoning

Find the approximate angle between the minute hand and the hour hand of a 12-hour clock when the time is 9:25.

A. 130 degrees ✓

B. 150 degrees

C. 190 degrees

D. 100 degrees

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**Q28** General Intelligence and Reasoning

A, B, C, D, E, F and G want to play a video game they purchased together. Each will get it on one day of the same week starting from Monday and ending on Sunday. No one gets it on same day of the week. A will play on Sunday. D will play immediately before A. B will play immediately after E. E will play on Wednesday. C will not get it on Monday. F gets it on a day between B and D. On which day will G get to play?

A. Friday

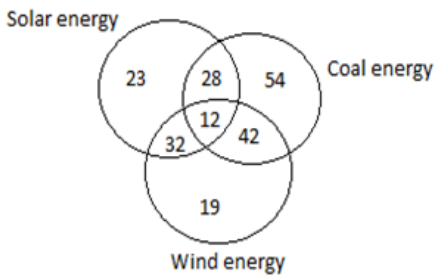
B. Thursday

C. Monday ✓

D. Saturday

**Q29** General Intelligence and Reasoning

Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons in a small village relying on different sources of energy for their daily needs.




How many people rely on both Solar energy and Coal energy?

A. 28

B. 12

C. 77

D. 40 ✓

**Q30** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

13 : 96 :: 18 : 131 :: 14 : ?

A. 100

B. 102

C. 103 ✓

D. 104

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Study the given number, symbol series and answer the question that follows.

8 @ 4 * 7 ^ 5 3 # 9 1 < 5 7 @ 4 $ # 2 * 6 ! 4 & 9 < 6

How many such numbers are there which are immediately preceded by a symbol and immediately followed by an odd number?

A. 2

B. 3 ✓

C. 4

D. 5

**Q2** General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. E is sitting at any one of the sides and is the immediate neighbour of both B and D. C is sitting exactly opposite to D, and H is sitting exactly opposite to B. G is sitting second to the left of E and to the immediate left of D. F is exactly opposite to G. Who among the following is sitting exactly opposite to A?

A. E ✓

B. G

C. F

D. B

**Q3** General Intelligence and Reasoning

Sam steps out from his house and walks 160 m towards the east. He then takes a right turn and walks 50 m. He then turns right and walks 70 m. He then turns left and walks 35 m. He then turns right and walks 90 m to reach a gift shop. How far and in which direction is the gift shop from Sam's house? (All turns are 90 degree turns only)

A. 85 m, South ✓

B. 85 m, North

C. 120 m, South

D. 120 m, North

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**Q4** General Intelligence and Reasoning

A decision is given followed by two statements I and II. Read all the information carefully and select the correct option.

**Decision:**

Company K has a wide chain of grocery stores and sweet shops across all cities and even villages of Country M. The CEO of Company K has decided to discontinue cash payments completely from next month onwards.

**Statements:**

I. As per the reports of the last 3 years, around 24% of payments each month were through cash.

II. 35% of the population of Country M is either illiterate or does not have access to bank accounts.

A. Both statements I and II strengthen the decision

B. Statement I weakens the decision and statement II is a neutral statement

C. Both statements I and II weaken the decision ✓

D. Statement I is a neutral statement and II weakens the decision

**Q5** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

SEARCH : ESRAHC :: DESIGN : EDISNG :: LAYOUT : ?

A. UYTLOA

B. ALOYTU ✓

C. UTYOLA

D. AOLTYU

**Q6** General Intelligence and Reasoning

In a certain code language, 'NATURE' is written as 'QYWSUC' and 'REASON' is written as 'UCDQRL'. How will 'LOTION' be written in that language?

A. MNGVLQ

B. NMVGQL

C. OLWFRK

D. OMWGRL ✓

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**Q7** General Intelligence and Reasoning

Six friends scored different marks in their annual psychology examination. Q scored more than exactly four friends. M scored more than exactly three friends. Both P and N scored more than T. Y scored the least marks. N is not the top scorer. Who scored the highest marks?

A. T

B. M

C. Q

D. P ✓

**Q8** General Intelligence and Reasoning

Each of A, B, C, D, E and F has an exam on a different day of a week starting from Monday and ending on Saturday of the same week. None of them have the exam before C and after B. F has the exam just after A and just before D. E has the exam on Tuesday and just before A. Who among the following has the exam on Friday?

A. F

B. D ✓

C. A

D. B

**Q9** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some prizes are caps.

Some caps are medals.

All prizes are masks.

**Conclusions:**

I. Some masks are caps.

II. Some masks are medals.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Both conclusions I and II follow

D. Neither conclusion I nor II follows

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**Q10** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

RBM 7, NXI 11, JTE 13, FPA 17, BLW 19, ?

A. XSO 21

B. XOS 21

C. FHA 23

D. XHS 23 ✓

**Q11** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $U \leq W = V < Y > I \geq F > N$

Conclusions:

I. $Y > U$

II. $N < I$

A. Only conclusion I is true

B. Only conclusion II is true

C. Both conclusions I and II are true ✓

D. Neither conclusion I nor II is true

**Q12** General Intelligence and Reasoning

Shaily starts walking from her home and goes 45 m towards the east. She then takes a right turn and walks 85 m. She then turns left and walks 40 m. She then takes a final left turn and walks 85 m to reach an ATM. How far is the ATM from her home? (All turns are 90 degree turns only)

A. 80 m

B. 85 m ✓

C. 40 m

D. 125 m

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**Q13** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing the north. Only 6 persons are sitting between Monika and Dipen. Monika is at the $8^{th}$ place from the extreme right end of the row. Ketan is at some place towards the left of Monika. Ketan and Monika have exactly 3 persons sitting between them. Ketan is at the $10^{th}$ place from the extreme left end. Dipen is sitting at the extreme right end. If no other person is sitting in the row, what is the total number of persons seated?

A. 20

B. 21 ✓

C. 22

D. 23

**Q14** General Intelligence and Reasoning

Eight boxes, P, Q, R, S, T, U, V and W, are kept one over the other, but not necessarily in the same order. V is fourth from the top and immediately below R. W is kept at the topmost position and immediately above P. Only one box is there between S and T. T is kept below S, and U is kept above Q. How many boxes are there between T and Q?

A. Two

B. One

C. None ✓

D. Three

**Q15** General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. A is sitting at one of the corners and is the immediate neighbour of E and F. D is sitting exactly opposite to A and to the immediate left of B. C is sitting at one of the corners and to the immediate right of F. G is not sitting at any of the corners. Who among the following is sitting exactly opposite to F?

A. G

B. B ✓

C. E

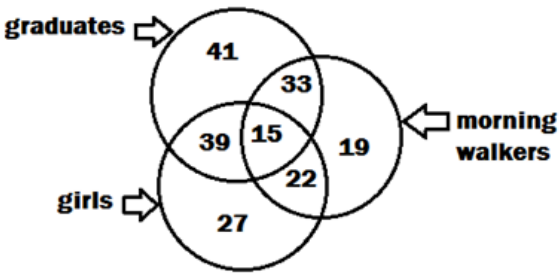
D. H

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**Q16** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




Which of the following statements is correct on the basis of the above diagram?

A. The number of morning walkers who are also girls but not graduates is 19.

B. The number of girls who are both graduates and morning walkers is 39.

C. The number of graduates who are also girls but not morning walkers is 22.

D. The number of graduates who are also morning walkers but not girls is 33. ✓

**Q17** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

35 : 21 :: 20 : 12 :: 40 : ?

A. 39

B. 26

C. 24 ✓

D. 42

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**Q18** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(12, 313, 13)

(7, 50, 1)

A. (15, 150, 10)

B. (12, 158, 12)

C. (9, 90, 3) ✓

D. (4, 125, 11)

**Q19** General Intelligence and Reasoning

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4681342, what will be difference between the highest and lowest digits thus formed?

A. 2

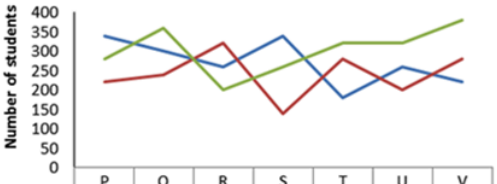
B. 4

C. 5

D. 6 ✓

**Q20** General Intelligence and Reasoning

The following line graph shows the educational qualifications of students (Tenth, Intermediate [Inter] and Degree) of seven districts, P, Q, R, S, T, U and V, of a state. Study the graph and answer the question.




| | P | Q | R | S | T | U | V |
|---|---|---|---|---|---|---|---|
| Tenth | 340 | 300 | 260 | 340 | 180 | 260 | 220 |
| Inter | 220 | 240 | 320 | 140 | 280 | 200 | 280 |
| Degree | 280 | 360 | 200 | 260 | 320 | 320 | 380 |

What is the difference between the total number of students with Tenth qualification from all the districts together and the total number of students with Degree qualification from all the districts together?

A. 230

B. 240

C. 220 ✓

D. 210

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**Q21** General Intelligence and Reasoning

What approximate value should come in place of the question mark (?) in the following equation?

$(23.01 + 16.986) \div 2.023 \times 4.05 - 41.999 + 643.999 = ?$

A. 542

B. 682 ✓

C. 745

D. 765

**Q22** General Intelligence and Reasoning

What day of the week was 1 January 2009, if 1 January 2006 was a Sunday?

A. Wednesday

B. Thursday ✓

C. Friday

D. Saturday

**Q23** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ Symbol | 9 | ∞ | 8 | 4 | ÷ | ∓ | 6 | $ | ! | 2 | = | 5 | 7 | 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | H | G | K | L | U | Q | S | U | W | Y | A | C | E | G |

Conditions:

(i) If the first element is a number and the last, a symbol, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an EVEN number and the last, an ODD number, the first and last elements are to be coded as &.

(iii) If both the third and the fourth elements are prime numbers, the fourth element is to be coded as the code for the third element and vice-versa.

Question: 2675$!

A. WSCEUY ✓

B. WUYECS

C. WSECUY

D. WECSUY

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**Q24** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

25, 29, 38, 54, 79,?

A. 96

B. 110

C. 115 ✓

D. 120

**Q25** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word BREAKDOWN is arranged in alphabetical order?

A. 1

B. 2 ✓

C. 3

D. 4

**Q26** General Intelligence and Reasoning

Study the given number series and answer the question that follows.

29, 74, 93, 75, 19, 52, 75, 94, 93, 71

If the ten's and one's position is interchanged for all the numbers, then which original number will form the largest and the smallest in the series, respectively?

A. 93 and 71

B. 19 and 29

C. 93 and 94

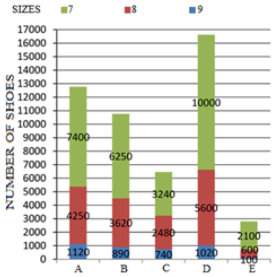
D. 29 and 71 ✓

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**Q27** General Intelligence and Reasoning

Data regarding the sales of the number of shoes of sizes 7, 8 and 9 in five showrooms, A to E, is given in the following stacked bar chart. Study the chart and answer the question.




By approximately what percentage is the sales of shoes of size 8 more than the sales of shoes of size 9 in showroom C?

A. 215%

B. 225%

C. 235% ✓

D. 335%

**Q28** General Intelligence and Reasoning

What approximate value should come in place of the question mark (?) in the following equation?

$126.012 \times 14.987 - 603.045 = ? + 261.987$

A. 875

B. 845

C. 1025 ✓

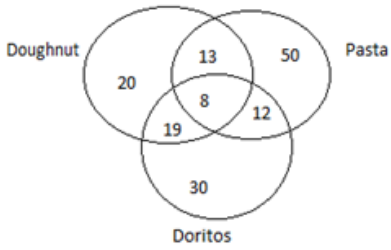
D. 1235

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**Q29** General Intelligence and Reasoning

Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons who eat certain foods in breakfast.




How many people eat Pasta but NOT Doughnut?

A. 62 ✓

B. 50

C. 71

D. 79

**Q30** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

5, 24, 46, 74, 111, 160, 224, ?

A. 306 ✓

B. 360

C. 305

D. 350

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**Q1** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(13, 84, 29)

(27, 122, 34)

A. (25, 90, 20) ✓

B. (17, 45, 13)

C. (10, 56, 23)

D. (15, 57, 27)

**Q2** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷' and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$15 + 12 \times 4 \div 5 - 2 = ?$

A. 20

B. 22 ✓

C. 18

D. 28

**Q3** General Intelligence and Reasoning

Five boxes F, E, T, C and S are placed one over the other but not necessarily in the same order. S is second from the top, while E is second from the bottom. C is neither at the top nor at the bottom. What is the position of C from the top?

A. Fifth

B. Fourth

C. Third ✓

D. Second

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**Q4** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

P _ Q _ P _ M _ Q _ P _ Q _ P

A. M P P Q Q Q M

B. M Q P Q P Q M

C. M Q P Q P M Q ✓

D. M P Q P Q M Q

**Q5** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

8 : 127 :: 5 : 49 :: 11 : ?

A. 214

B. 241 ✓

C. 103

D. 203

**Q6** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

(Left) T Y A N E C M K E W A F H E Q A P M N B E D H E K U W S D A N M A W E (Right)

If all the vowels are dropped from the series, which of the following will be fifth from the right?

A. S ✓

B. D

C. W

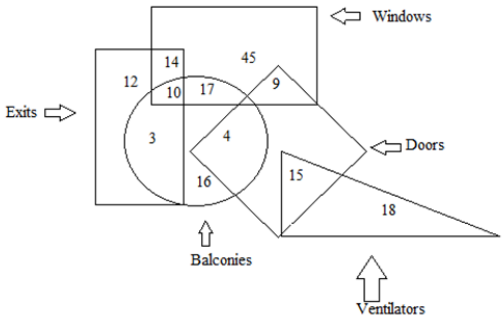
D. K

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**Q7** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of units.




How many such balconies are there that are either doors or windows?

A. 21 ✓

B. 17

C. 20

D. 16

**Q8** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing the north. A sits fourth to the left of C and seventh to the left of B. B sits fifth to the left of D. There is only one person sitting between D and E. No person sits to the right of E. If no other person is sitting in the row, what is the total number of persons seated?

A. 13

B. 12

C. 11

D. 15 ✓

**Q9** General Intelligence and Reasoning

Six persons, A, B, C, D, E and F, were born on different dates – $12^{th}$, $14^{th}$, $18^{th}$, $19^{th}$, $4^{th}$ and $6^{th}$, of the same month. None of them were born after D and he was born just after E. Only three people were born before A. Only two people were born between C and E. B was not born after C. Who among the following was born on $12^{th}$?

A. B

B. C

C. F ✓

D. A

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**Q10** General Intelligence and Reasoning

Pole C is to the south of pole H and east of pole R. Pole M is to the west of pole R. Pole A is to the south of pole M. What is the position of pole R with respect to the pole H?

A. North

B. South

C. South-west ✓

D. South-east

**Q11** General Intelligence and Reasoning

BU23G is related to GZ18L in a certain way. In the same way, LC41M is related to QH36R. To which of the following is GU18N related following the same logic?

A. LZ13S ✓

B. LZ13H

C. LP15J

D. ZL3G

**Q12** General Intelligence and Reasoning

What day of the week was 26 January 2003?

A. Friday

B. Saturday

C. Sunday ✓

D. Monday

**Q13** General Intelligence and Reasoning

Ananya, Jaya, Priya, Roma, Geeta and Deepa were having a picnic lunch around a circular table. They were facing the table's centre. Exactly two people sit between Roma and Priya. Roma sits second to the right of Ananya. Deepa was second to the left of Jaya. Who was to the immediate left of Deepa?

A. Ananya ✓

B. Priya

C. Roma

D. Geeta

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**Q14** General Intelligence and Reasoning

Eight people, A, B, C, D, E, F, G and H, are sitting in a straight row, facing the south. B is sitting at one of the extreme ends and his immediate left neighbour is F. Only two people are sitting between F and D. C is sitting between D and H. Neither E nor A is sitting at the extreme end. How many people are sitting between F and G?

A. One

B. Two

C. Five ✓

D. Four

**Q15** General Intelligence and Reasoning

In a certain code language, 'ERGOT' is written as 'FTJSY' and 'SKELP' is written as 'TMHPU'. How will 'KESHA' be written in that language?

A. LGFVL

B. GLVEL

C. LGLVE

D. LGVLF ✓

**Q16** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ Symbol | 1 | % | 8 | 4 | ø | ∂ | 2 | $ | ! | 6 | = | 3 | 7 | 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | A | E | I | O | U | P | R | T | V | X | Z | B | D | F |

Conditions:

(i) If the first element is a number and the last, a symbol, the codes for these two (the first and the last elements) are to be interchanged.

ii) If the first element is an EVEN number and the last, an ODD number, the first and last elements are to be coded as &.

(iii) If both the second and the third elements are prime numbers, the third element is to be coded as the code for the second element.

Question: 2 $ 3 7 3

A. & T B D & ✓

B. & B T D &

C. B B T D R

D. R B T D B

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**Q17** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $C > X < N < S < D = K$

A. $C > N$

B. $N > D$

C. $K > N$ ✓

D. $X > K$

**Q18** General Intelligence and Reasoning

Karan steps out of his house and walks 200 m towards the east. Then, he takes a right turn and walks 50 m. Then, he takes a right turn and walks 70 m. Then, he takes left turn and walks 35 m. Then, he takes a right turn and walks 130 m. Finally, he takes a final right turn and walks 45 m to reach his college. How far and in which direction is the college from Karan's house? (All turns are 90 degree turns only)

A. 50 m, North

B. 50 m, South

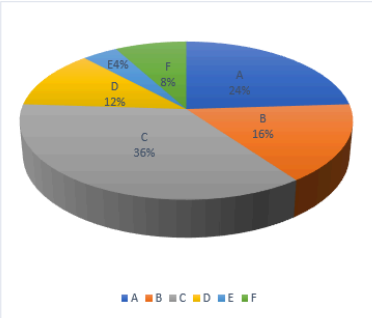
C. 40 m, North

D. 40 m, South ✓

**Q19** General Intelligence and Reasoning

The following pie chart shows the percentage distribution of power to six districts, A to F, of a state. Study the chart and answer the question.

Total number of units generated = 5400




What is the average number of units distributed to districts C, D and E?

A. 935

B. 936 ✓

C. 1050

D. 1120

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**Q20** General Intelligence and Reasoning

A statement is given followed by two possible underlying assumptions I and II. Read all the information carefully and decide which of the given assumptions can be assumed by the given statement.

**Statement**:

Doctors suggest that for people who are deficient in Vitamin C and have a weakened digestive system, it is better to take Vitamin C supplements than to eat citrus fruits rich in Vitamin C.

**Assumptions:**

I. Anyone suffering from indigestion issues should stop eating citrus fruits.

II. The end result of both citric fruits and Vitamin C supplements is more or less similar

A. Only I can be assumed

B. Only II can be assumed

C. Both I and II can be assumed

D. Neither I nor II can be assumed ✓

**Q21** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word QUALITY is arranged in alphabetical order?

A. None

B. One ✓

C. Two

D. Three

**Q22** General Intelligence and Reasoning

Refer to the following number series and answer the question.

(Left) 2 5 4 3 7 8 6 7 9 4 3 7 8 6 2 3 4 8 9 4 8 7 6 4 3 7 2 8 9 7 5 3 2 4 5 9 (Right)

If all the even numbers are dropped from the series, which of the following will be sixth from the left?

A. 3 ✓

B. 5

C. 7

D. 9

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**Q23** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

47, 48, 52, 79, 95, ?

A. 202

B. 220 ✓

C. 212

D. 221

**Q24** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

12, 17, 32, 57, 92,?

A. 112

B. 122

C. 137 ✓

D. 157

**Q25** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$44.999 \div 8.998 + 23.996 \div 11.998 - 7.009 + 8.002 \times 1.998 = ?$

A. 16 ✓

B. 20

C. 24

D. 28

**Q26** General Intelligence and Reasoning

If '+' means '÷', '–' means '×', '×' means '+', '÷' means '–', what will come in place of the question mark (?) in the following equation?

$9 \div 3 \times 21 + 7 - 17 = ?$

A. 53

B. 33

C. 116

D. 57 ✓

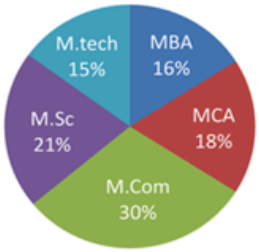
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**Q27** General Intelligence and Reasoning

The following chart shows fee waiver seats in different courses in a university. Study the chart and answer the question.

Total number of students in the university = 15000




What is the total number of fee waiver seats in M.Tech and M.Com together?

A. 4250

B. 6750 ✓

C. 5000

D. 6800

**Q28** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $H < Z > P = E > W > Q = U$

A. $H < P$

B. $Z > E$ ✓

C. $U = W$

D. $Q > E$

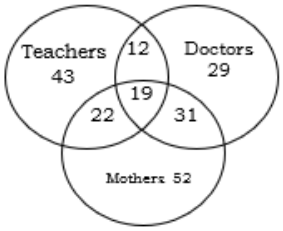
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**Q29** General Intelligence and Reasoning

Study the diagram and answer the question that follows. The numbers in different sections indicate the number of persons. What is the sum of the two categories, that is teachers who are doctors and teachers who are mothers but excluding teachers who are doctors as well as mothers?




A. 34 ✓

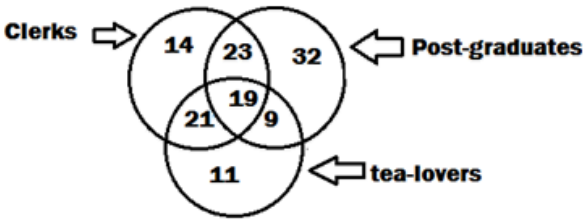
B. 31

C. 43

D. 50

**Q30** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such tea-lovers are there who are also post-graduates but NOT clerks?

A. 9 ✓

B. 19

C. 28

D. 11

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning HINDI - no English version saved

P, Q, R, S, T और U में से प्रत्येक की परीक्षा सोमवार से शुरू होकर उसी सप्ताह के शनिवार को समाप्त होने वाले सप्ताह के अलग-अलग दिनों में होती है। R की परीक्षा मंगलवार को है। P और R के बीच केवल एक छात्र की परीक्षा है। Q की परीक्षा, P के ठीक बाद वाले दिन है। उनमें से किसी की भी परीक्षा U से पहले नहीं है, और S की परीक्षा, R के ठीक बाद वाले दिन है। T की परीक्षा किस दिन है?

A. शुक्रवार

B. शनिवार ✓

C. बुधवार

D. गुरुवार

**Q2** General Intelligence and Reasoning HINDI - no English version saved

उस संख्या का चयन कीजिए, जो निम्नलिखित श्रेणी में प्रश्न चिह्न (?) के स्थान पर आएगी।

25, 29, 23, 25, 21, ?, 19, 17

A. 27

B. 31

C. 21 ✓

D. 19

**Q3** General Intelligence and Reasoning HINDI - no English version saved

नीचे एक कथन और उसके बाद विकल्पों में चार निष्कर्ष दिए गए हैं। बताएं कि कौन सा निष्कर्ष दिए गए कथन के आधार पर सत्य है?

कथन: B > D > H < T = P < A

A. B > H ✓

B. T > D

C. T = A

D. B < T

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**Q4** General Intelligence and Reasoning HINDI - no English version saved

A, B, C, D, E और F में से प्रत्येक को, उनके संबंधित व्याख्यानों के लिए, सोमवार से शुरू होकर शनिवार को समाप्त होने वाले एक ही सप्ताह के अलग-अलग दिन आवंटित किए गए हैं। रविवार को कोई व्याख्यान नहीं होता है। सबसे वरिष्ठ व्यक्ति होने की वजह से, B को शनिवार का दिन आवंटित किया जाता है। दूसरा सबसे वरिष्ठ व्यक्ति होने की वजह से, D को शुक्रवार का दिन आवंटित किया जाता है। सबसे कनिष्ठ व्यक्ति C को सोमवार का दिन आवंटित किया जाता है। ठीक तीन व्यक्ति, E से पहले अपना व्याख्यान देते हैं। व्याख्यान देने हेतु F के लिए कौन सा दिन शेष है?

A. मंगलवार ✓

B. बुधवार

C. गुरुवार

D. सोमवार

**Q5** General Intelligence and Reasoning HINDI - no English version saved

निम्नलिखित में से कौन सा विकल्प उस निकटतम लगभग मान को दर्शाता है, जो निम्नलिखित समीकरण में प्रश्न चिह्न (?) के स्थान पर आएगा?

$\left(\sqrt{530} + 85 \div 24 \times 4 - \sqrt{255}\right) \div 3 = ?$

A. 1

B. 15

C. 7 ✓

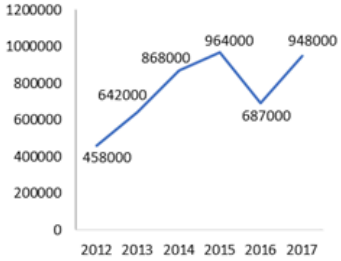
D. 4

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**Q6** General Intelligence and Reasoning HINDI - no English version saved

निम्नांकित लाइन-ग्राफ 2012 से 2017 तक भारत में गेहूं के उत्पादन (टन में) को दर्शाता है। ग्राफ का अध्ययन कीजिए, और पूछे गए प्रश्न का उत्तर दीजिए।




वर्ष 2018 में, यदि गेहूं का उत्पादन पिछले वर्ष की तुलना में 10% कम हो जाता है, तो वर्ष 2018 और वर्ष 2015 में गेहूं के उत्पादनों (टन में) का अंतर कितना होगा?

A. 1,15,800

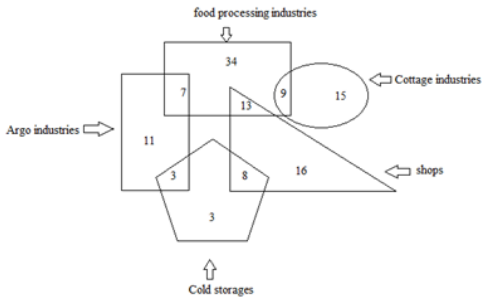
B. 1,10,800 ✓

C. 1,10,820

D. 1,15,820

**Q7** General Intelligence and Reasoning HINDI - no English version saved

दिए गए आरेख का ध्यानपूर्वक अध्ययन कीजिए, और पूछे गए प्रश्न का उत्तर दीजिए। विभिन्न भागों में दी गई संख्याएं इकाइयों की संख्या को दर्शाती हैं।




ऐसे कुल कितने आर्गो उद्योग (Argo industries) हैं, जो या तो खाद्य प्रसंस्करण उद्योग हैं, (food processing industries) या कोल्ड स्टोरेज (cold storages) हैं?

A. 11

B. 3

C. 7

D. 10 ✓

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**Q8** General Intelligence and Reasoning HINDI - no English version saved

निम्नलिखित संख्या और प्रतीक शृंखला के आधार पर पूछे गए प्रश्न का उत्तर दीजिए।

(बाएं) 4 5 & 20 % 7 2 4 @ 6 11 & 2 8 25 # 3 5 6 & * 9 (दाएं)

उपरोक्त शृंखला में ऐसी कितनी संख्याएं हैं, जिनमें से प्रत्येक के ठीक पहले एक प्रतीक है, और ठीक बाद भी एक प्रतीक है?

A. शून्य

B. एक ✓

C. दो

D. तीन

**Q9** General Intelligence and Reasoning HINDI - no English version saved

एक निर्णय और उसके बाद दो कथन I और II दिए गए हैं। दी गई जानकारी का ध्यानपूर्वक अध्ययन कीजिए, और सही विकल्प का चयन कीजिए।

निर्णय:
टेलीकॉम कंपनी D के प्रबंधन ने अगले 2 महीने के लिए उनकी भर्ती (हायरिंग) प्रक्रिया को स्थगित करने का निर्णय लिया है।

कथन:
I. कंपनी D ने अभी-अभी देश की सबसे बड़ी परियोजना पर हस्ताक्षर किए हैं, जिसके कुछ सप्ताह में शुरू होने की उम्मीद है, और इसे समय पर पूरा करने के लिए उन्हें एक विशाल कार्यबल की आवश्यकता होगी।
II. प्रबंधन में बदलाव के कारण, कंपनी D में नौकरी छोड़ने की दर में 12% की वृद्धि हुई है।

A. कथन I और II, दोनों निर्णय का समर्थन करते हैं।

B. कथन I निर्णय का समर्थन नहीं करता है, और कथन II एक तटस्थ कथन है।

C. कथन I और II, दोनों निर्णय का समर्थन नहीं करते हैं। ✓

D. कथन I एक तटस्थ कथन है, और कथन II निर्णय का समर्थन करता है।

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**Q10** General Intelligence and Reasoning HINDI - no English version saved

दिए गए तीन-अक्षर वाले अक्षर-समूहों पर आधारित प्रश्न का उत्तर दें।

(बाएं) TED, LAY, HOC, CET, RGE (दाएं)

दाईं ओर से पहले अक्षर-समूह के दूसरे अक्षर और बाईं ओर से पहले अक्षर-समूह के दूसरे अक्षर के बीच अंग्रेजी वर्णमाला क्रम में कितने अक्षर हैं?

A. एक ✓

B. दो

C. शून्य

D. तीन

**Q11** General Intelligence and Reasoning HINDI - no English version saved

उस संख्या का चयन कीजिए, जो निम्नलिखित श्रेणी में प्रश्न चिह्न (?) के स्थान पर आएगी।

11, 44, 85, 129, 181, 236,?

A. 279

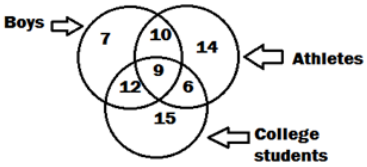
B. 297

C. 299 ✓

D. 289

**Q12** General Intelligence and Reasoning HINDI - no English version saved

दिए गए आरेख का ध्यानपूर्वक अध्ययन करें, और पूछे गए प्रश्न का उत्तर दें। विभिन्न भागों में दी गई संख्याएं व्यक्तियों की संख्या को दर्शाती हैं।




Boys - लड़के

Athletes - एथलीट

College Students - कॉलेज के विद्यार्थी

ऐसे कितने लड़के हैं, जो कॉलेज के विद्यार्थी और एथलीट भी हैं?

A. 6

B. 9 ✓

C. 12

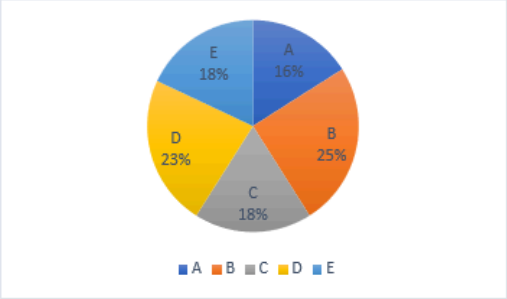
D. 10

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**Q13** General Intelligence and Reasoning HINDI - no English version saved

निम्नांकित पाई चार्ट भारत में पांच राज्यों - A से E में चावल के उत्पादन (% में) से संबंधित जानकारी प्रदान करता है। चार्ट का अध्ययन कीजिए, और पूछे गए प्रश्न का उत्तर दीजिए।




राज्य C में चावल का उत्पादन, राज्य B में चावल के उत्पादन से कितने प्रतिशत कम है?

A. 28% ✓

B. 32%

C. 35%

D. 40%

**Q14** General Intelligence and Reasoning HINDI - no English version saved

उस अक्षरांकिक समूह का चयन कीजिए, जो दी गई शृंखला में प्रश्न चिह्न (?) के स्थान पर आकर शृंखला को तार्किक रूप से पूर्ण करेगा।

शृंखला: D5A, F9C, H13E, J17G, ?

A. J25L

B. I21L

C. L21I ✓

D. L25J

**Q15** General Intelligence and Reasoning HINDI - no English version saved

आठ व्यक्ति - A, B, C, D, E, F, G और H, एक सीधी पंक्ति में उत्तर की ओर मुख करके बैठे हैं। H, बाएं सिरे से तीसरे स्थान पर है। A, H के दाईं ओर ठीक बगल में बैठा है। A और D के बीच केवल तीन व्यक्ति हैं। G, D के बाईं ओर दूसरे स्थान पर है, तथा G के ठीक बगल में F और C बैठे हैं। E और C के बीच केवल चार व्यक्ति हैं। B और F के बीच कितने व्यक्ति हैं?

A. एक

B. दो

C. तीन ✓

D. चार

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**Q16** General Intelligence and Reasoning HINDI - no English version saved

तीन कथन और उनके बाद दो निष्कर्ष I और II दिए गए हैं। कथनों को सत्य मानते हुए विचार करें, भले ही वे सामान्यतः ज्ञात तथ्यों से भिन्न प्रतीत होते हों, और बताएं कि कौन से निष्कर्ष तार्किक रूप से कथनों का पालन करते हैं?

**कथन:**

कोई कंप्यूटर रिमोट नहीं है।

कुछ टेलीविजन मशीनें हैं।

सभी मशीनें कंप्यूटर हैं।

**निष्कर्ष:**

I. कोई रिमोट मशीन नहीं है।

II. कुछ कंप्यूटर टेलीविजन हैं।

A. केवल निष्कर्ष I पालन करता है।

B. केवल निष्कर्ष II पालन करता है।

C. निष्कर्ष I और II दोनों पालन करते हैं। ✓

D. या तो निष्कर्ष I या II पालन करता है।

**Q17** General Intelligence and Reasoning HINDI - no English version saved

उस विकल्प का चयन करें, जिसका पांचवें अक्षर-समूह से वही संबंध है, जो दूसरे अक्षर-समूह का पहले अक्षर-समूह से है, और चौथे अक्षर-समूह का तीसरे अक्षर-समूह से है।

CLEAR : ENGCT :: MIGHT : OKIJV :: TRUCK : ?

A. USVDL

B. VTWEM ✓

C. VSWDM

D. UTVEL

**Q18** General Intelligence and Reasoning HINDI - no English version saved

छह व्यक्तियों - P, Q, R, S, T और U में से प्रत्येक की लंबाई अलग-अलग है। P सबसे लंबा व्यक्ति है। R केवल एक अन्य व्यक्ति से लंबा है। S, U से लंबा है। U, R से लंबा है। ठीक तीन व्यक्तियों की लंबाई T और Q के बीच है, जबकि T, Q से लंबा है। सभी छह व्यक्तियों में से किसकी लंबाई सबसे कम है?

A. Q ✓

B. S

C. U

D. T

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**Q19** General Intelligence and Reasoning HINDI - no English version saved

घंटे वाली सुई 18 मिनट में कितना कोण बनाएगी?

A. $7.5^\circ$

B. $9^\circ$ ✓

C. $10.5^\circ$

D. $12^\circ$

**Q20** General Intelligence and Reasoning HINDI - no English version saved

शहनाज अपने घर से निकलकर पश्चिम की ओर 500 m चलती है। वहां से वह बाएं मुड़ती है, और 250 m चलती है। फिर वह बाएं मुड़ती है, और 750 m चलती है। फिर वह पुनः बाएं मुड़ती है, और 250 m चलती है। अब वह अपने घर से किस दिशा में और कितनी दूर है? (सभी मोड़ केवल 90 डिग्री वाले मोड़ हैं)

A. पूर्व, 250 m ✓

B. पश्चिम, 250 m

C. पश्चिम, 500 m

D. उत्तर, 250 m

**Q21** General Intelligence and Reasoning HINDI - no English version saved

एक कक्षा के सभी 40 छात्र उत्तर की ओर मुख करके एक सीधी पंक्ति में खड़े हैं। अशोक दाएं सिरे से 21वें स्थान पर है, जबकि अली बाएं सिरे से 15वें स्थान पर है। अशोक और अली के बीच कितने छात्र खड़े हैं?

A. एक

B. दो

C. तीन

D. चार ✓

**Q22** General Intelligence and Reasoning HINDI - no English version saved

उस विकल्प का चयन करें, जिसका पांचवीं संख्या से वही संबंध है, जो दूसरी संख्या का पहली संख्या से है, और चौथी संख्या का तीसरी संख्या से है।

34 : 51 :: 28 : 42 :: 46 : ?

A. 35

B. 26

C. 53

D. 69 ✓

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**Q23** General Intelligence and Reasoning HINDI - no English version saved

दिए गए समीकरण में किन दो चिह्नों के स्थान परस्पर बदल देने पर समीकरण संतुलित हो जाएगा?
$[\{(102+42)-(4\times3)\}\div(2-4)]\times3=36$

A. +, ×

B. ÷, +

C. −, + ✓

D. ÷, ×

**Q24** General Intelligence and Reasoning HINDI - no English version saved

एक निश्चित कूट भाषा में, 'MODEST' को 'QSHZNO' और 'OPTION' को 'STXDJI' लिखा जाता है। उसी कूट भाषा में 'MEDIUM' को किस प्रकार लिखा जाएगा?

A. QHIYMQ

B. QIHDPH ✓

C. QDIHHP

D. QIHMYQ

**Q25** General Intelligence and Reasoning HINDI - no English version saved

दी गई संख्या श्रेणी का अध्ययन करें, और पूछे गए प्रश्न का उत्तर दें।

2, 6, _, 8, 2, _, 7, 5, _, 4, 7, 2, _, 3, 6, 9, 2, 2, _, 6

निम्न में से किस समूह की संख्याओं को उपरोक्त श्रेणी के रिक्त स्थानों में क्रमिक रूप से रखे जाने पर श्रेणी तार्किक रूप से पूर्ण हो जाएगी?

A. 4, 2, 2, 3, 8

B. 8, 5, 3, 2, 6

C. 4, 2, 3, 3, 8

D. 7, 5, 2, 2, 6 ✓

**Q26** General Intelligence and Reasoning HINDI - no English version saved

एक निश्चित कूट भाषा में, 'SUJLAM' को 'TTKKBL' लिखा जाता है, और 'CHOKY' को 'DGPJZ' लिखा जाता है। उसी कूट भाषा में 'CURDX' को किस प्रकार लिखा जाएगा?

A. TDPCY

B. DTSCY ✓

C. TDPSC

D. TDSYC

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**Q27** General Intelligence and Reasoning HINDI - no English version saved

एक वर्गाकार मेज आठ कुर्सियों से घिरी हुई थी, उनमें से चार मेज के कोनों पर थीं, जबकि चार अन्य मेज की भुजाओं के ठीक मध्य में थीं। छह क्लर्क D, E, F, G, H और I, इस वर्गाकार मेज के चारों ओर मेज के केंद्र की ओर मुख करके बैठे थे। मेज के दो कोनों पर पड़ी कुर्सियां खाली थीं। E और I एक-दूसरे के विकर्णतः सम्मुख कोनों पर बैठे थे। H, G के बाईं ओर दूसरे स्थान पर था। D, F के दाईं ओर दूसरे स्थान पर था। G, E के दाईं ओर ठीक बगल में बैठा था। इनमें से कौन H के सामने था?

A. खाली कुर्सी

B. I

C. F ✓

D. D

**Q28** General Intelligence and Reasoning HINDI - no English version saved

उस समुच्चय का चयन कीजिए, जिसमें दी गई संख्याओं के बीच वही संबंध है, जो नीचे दिए गए समुच्चयों की संख्याओं के बीच है।
(नोट: संक्रियाएं संख्याओं को उनके संघटक अंकों में विभक्त किए बिना, संपूर्ण संख्याओं पर की जानी चाहिए। उदाहरणार्थ - 13 पर की जाने वाली संक्रियाएं, जैसे - जोड़ना / हटाना / गुणा करना इत्यादि 13 पर ही की जानी चाहिए। 13 को 1 और 3 में विभक्त करने, और फिर 1 और 3 पर गणितीय संक्रियाएं करने की अनुमति नहीं है।)
(3, 8, 1)
(8, 48, 4)

A. (8, 50, 2)

B. (5, 10, 4)

C. (7, 42, 3)

D. (8, 55, 3) ✓

**Q29** General Intelligence and Reasoning HINDI - no English version saved

शनमुख एक बैंक से निकलकर दक्षिण दिशा की ओर 90 m चलती है। फिर वह दाएं मुड़ती है, और 110 m चलती है। फिर वह दाएं मुड़ती है, और 90 m चलती है। अंततः वह पुनः दाएं मुड़ती है, और 220 m चलती है। अब वह बैंक के सापेक्ष किस दिशा में है? (सभी मोड़ केवल 90 डिग्री वाले मोड़ हैं)

A. पूर्व ✓

B. पश्चिम

C. उत्तर

D. दक्षिण

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**Q30** General Intelligence and Reasoning HINDI - no English version saved

यदि निम्नलिखित समीकरण में '+' और '-' के स्थान परस्पर बदल दिए जाते हैं, और साथ ही '×' और '÷' के स्थान परस्पर बदल दिए जाते हैं, तो समीकरण में प्रश्न चिह्न (?) के स्थान पर कितना मान आएगा?

$49 - 4 \div 120 \times 8 + 100 = ?$

A. 3

B. 6

C. 9 ✓

D. 12

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**Q1** General Intelligence and Reasoning

Hisar is to the north of Bhiwani, Bhiwani is to the west of New Delhi, Rohtak is to the south of Panipat and to the east of New Delhi. What is the position of Hisar with respect to Panipat?

A. East

B. West ✓

C. North

D. South

**Q2** General Intelligence and Reasoning

Q started from a point and walked towards the south for 42 m and reached point A. Q then turned right from point A and walked 2 m, he then turned right again and walked 30 m. Q turned left now and walked 10 m, he then turned left again and walked 30 m. How far is Q from point A?

(All turns are 90 degree turns only)

A. 52 m

B. 42 m

C. 12 m ✓

D. 30 m

**Q3** General Intelligence and Reasoning

Nirmal and Sushma are standing in a queue of people facing north. Nirmal is at the 20th position from the extreme left end, and Sushma is at the 10th position from the extreme right end. The positions of Nirmal and Sushma are interchanged due to some criteria based on age. If the new position of Nirmal is 30th from the extreme left end, then what is the new position of Sushma from the extreme right end?

A. 20th ✓

B. 18th

C. 25th

D. 30th

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**Q4** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ Symbol | 4 | ∝ | 5 | 9 | ÷ | ± | 8 | $ | ! | 3 | @ | 6 | 7 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | C | G | K | Q | W | R | T | V | X | D | A | E | H | G |

Conditions:

(i) If the first element is a number and the last, a symbol, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an EVEN number and the last, an ODD number, the first and last elements are to be coded as ! .

(iii) If both the third and the fourth elements are prime numbers, the fourth element is to be coded as the code for the third element and vice-versa.

Question: 8 $ 5 2 @

A. TVKGA

B. AVGKT ✓

C. TVGKA

D. AVKGT

**Q5** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

18 : 63 :: 44 : 154 :: 54 : ?

A. 138

B. 179

C. 189 ✓

D. 146

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**Q6** General Intelligence and Reasoning

The following table shows the population of six different cities, A, B, C, D, E and F, the ratio of males to females among them and the ratio of adults to children in the total population. Study the table and answer the question.

| City | Population | Male : Female | Adult : Children |
|---|---|---|---|
| A | 410400 | 13 : 11 | 5 : 3 |
| B | 369900 | 5 : 4 | 7 : 2 |
| C | 442800 | 5 : 7 | 7 : 5 |
| D | 465500 | 17 : 18 | 4 : 3 |
| E | 499500 | 5 : 4 | 5 : 4 |
| F | 424500 | 8 : 7 | 17 : 13 |

What is the difference between the total number of adults and the total number children in city A?

A. 1,04,600

B. 1,02,600 ✓

C. 1,12,600

D. 1,02,000

**Q7** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

7, 18, 34, 72, 142, ?

A. 288 ✓

B. 282

C. 228

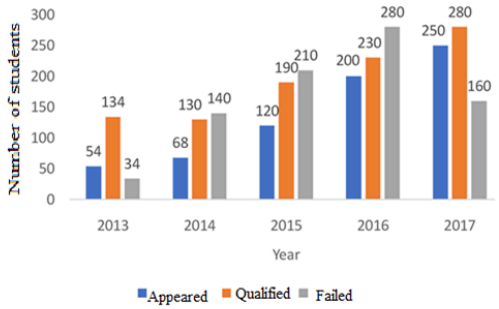
D. 298

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## Q8 General Intelligence and Reasoning

The following bar graph gives the information on the number of students who appeared, qualified and failed in a bank PO exam (in hundreds) in different years. Study the graph and answer the question.




By what percentage is the average number of students who failed in the given five years more than the number of students who failed in 2017?

A. 2%

B. 3%

C. 4% ✓

D. 5%

## Q9 General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

Students have complained that questions outside the prescribed syllabus were asked in the X standard board exams this year.

**Arguments:**

I. The pass percentage in the X standard board exams has declined by 8 percent this year.

II. The number of students scoring over 60 percent in the X standard board exams has shown an increase of 15 per cent this year.

A. Argument I weakens, while argument II strengthens the statement

B. Argument II weakens, while argument I strengthens the statement ✓

C. Both arguments I and II weaken the statement

D. Both arguments I and II strengthen the statement

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**Q10** General Intelligence and Reasoning

Nine people, 1 to 9, are sitting in a straight row, facing the north. 8 is sitting in the middle of the row and his immediate left and right neighbours are 5 and 1, respectively. 9 is sitting at one of the extreme ends and his immediate right neighbour is 2. Only five people are there between 2 and 3. 3 is sitting between 7 and 6. 1 and 7 are immediate neighbours. How many people are there between 4 and 6?

A. One

B. Two

C. Five ✓

D. Four

**Q11** General Intelligence and Reasoning

What approximate value should come in place of the question mark (?) in the following equation?

$99.01 \div 10.93 + 6.987 \times 16.01 = ?$

A. 133

B. 145

C. 129

D. 121 ✓

**Q12** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

TDK-4, XHO-9, BLS-16, FPW-25,?

A. JTA-36 ✓

B. JTB-36

C. JUA-36

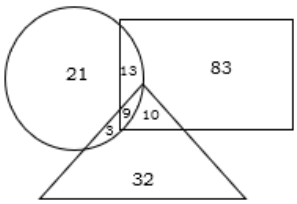
D. JTA-64

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**Q13** General Intelligence and Reasoning

In the following diagram, the circle represents girls, the triangle represents science students, and the rectangle represents PG students. The numbers in different sections indicate the number of persons. How many PG students are girls who are NOT science students?




A. 12

B. 13 ✓

C. 19

D. 22

**Q14** General Intelligence and Reasoning

If each of the digits in the number 63547981 is arranged in ascending order from left to right, then the position of how many digits will remain unchanged as compared to that in the original number?

A. One

B. Two ✓

C. Three

D. Four

**Q15** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

$10 + 152 \times 19 - 2 \div 3 = ?$

A. 2

B. 4

C. 6

D. 8 ✓

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**Q16** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

3, 9, 25, 53, 157, ?

A. 300

B. 307

C. 317 ✓

D. 371

**Q17** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 6. E lives on the floor immediately below F's floor. D lives on the $2^{nd}$ floor. C lives on the floor immediately below A's floor. F does not live on the $5^{th}$ floor. On which floor does B live?

A. $1^{st}$ ✓

B. $3^{rd}$

C. $5^{th}$

D. $6^{th}$

**Q18** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

MGB : NTY

THK : GSP

A. LCP : OXJ

B. QDF : JWU ✓

C. MER : NVH

D. CHX : XIC

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**Q19** General Intelligence and Reasoning

In a college, the Art room, the Library, the Gym, the Labs, the Storerooms, the Staffrooms and the Classrooms are there on seven different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 7. No other floors are there below the Library, and the Library is immediately below the Gym. Only two floors are there between the Gym and the Classrooms. Both the Labs and the Staffrooms are on even numbered floors. Only three floors are there between the Storerooms and the Art room. The Storerooms are immediately below the Labs. Which of the following is/are there on floor number 4?

A. Art room

B. Storerooms

C. Labs ✓

D. Staffrooms

**Q20** General Intelligence and Reasoning

Refer to the following letter, number and symbol series and answer the question.

(Left) G B D F H & 8 * T % 7 D 4 @ 6 K & 2 R P Q T @ Y # 3 5 E * S (Right)

How many such symbols are there in the series which are immediately preceded by a letter and also immediately followed by a number?

A. One

B. Two

C. Three

D. Four ✓

**Q21** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

6 : 33 :: 11 : 58 :: 18 : ?

A. 105

B. 98

C. 93 ✓

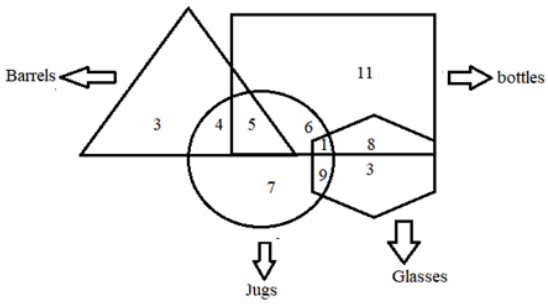
D. 150

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**Q22** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of articles.




How many such barrels are there that are only jugs?

A. 4 ✓

B. 5

C. 6

D. 1

**Q23** General Intelligence and Reasoning

Eight students, 1 to 8, are sitting around a circular table facing the centre. 1 is the immediate neighbour of both 8 and 2. 3 is sitting second to the right of 1. 1 is sitting second to the right of 7. 5 is the immediate neighbour of 6 and 4. How many students were sitting between 5 and 1?

A. One

B. Two

C. Three ✓

D. None

**Q24** General Intelligence and Reasoning

How many such pairs of letters are there in the word HINDUSTAN (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. 1

B. 2

C. 3 ✓

D. 4

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**Q25** General Intelligence and Reasoning

Among six students, K, L, M, N, O and P, each scores different marks in an examination. M scores more marks than only three other students. K scores more marks than N. P scores less marks than M. O scores more marks than L. P scores more marks than K. L scores more marks than M. Who scores the highest marks among all six students?

A. O ✓

B. P

C. K

D. N

**Q26** General Intelligence and Reasoning

At what time between 2 o'clock and 3 o'clock will the hands of a clock be together?

A. $10\frac{10}{11}$ past 2 ✓

B. $11\frac{12}{11}$ past 2

C. $6\frac{5}{11}$ past 2

D. $3\frac{5}{11}$ past 2

**Q27** General Intelligence and Reasoning

How many such pairs of letters are there in the word TOMORROW (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. 1 ✓

B. 2

C. 3

D. 4

**Q28** General Intelligence and Reasoning

Among six persons, K, L, M, N, O and P, each one has a different age. P is older than only three other persons. N is older than L. O is younger than L. M is older than K. P is younger than K. Who is the second youngest among all six persons?

A. O

B. N

C. L ✓

D. K

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**Q29** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/symbol | 22 | 56 | 33 | # | 46 | & | 64 | @ | % | 37 | 57 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | L | K | J | H | G | F | D | S | A | P | B |

Conditions:

(i) If the first element is a symbol and the last element is a number, then replace these two (first and last) elements with %.

(ii) If the second element is a number and the second last is a symbol, the codes of the first and last elements are to be interchanged.

(iii) If the question has an equal quantity of even and odd numbers, then replace the even numbers with * and odd numbers with <

Question: # 22 64 % 33 & 37 @

A. HLDAJFPS

B. #LDAJFP@

C. H**A33F37S

D. H**A<F<S ✓

**Q30** General Intelligence and Reasoning

Given below are three statements and three conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion/s follow/s the given statements.

Statements:

I. All pen drives are hard drives.

II. Some hard drives are chips.

III. All chips are keyboards.

Conclusions:

I. Some keyboards are pen drives.

II. Some chips are pen drives.

III. Some keyboards are hard drives.

A. Only conclusion I follows

B. Conclusions I and III follow

C. Only conclusion III follows ✓

D. All the conclusions follow

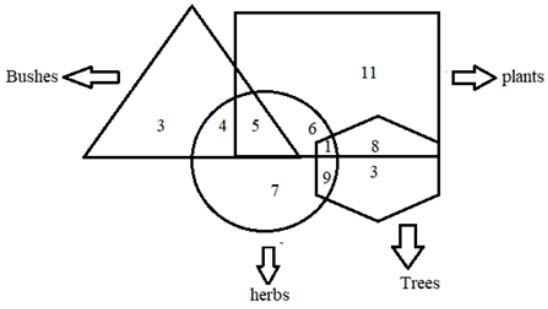
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**Q1** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of things.




How many such trees are there that are also plants but NEITHER herbs NOR bushes?

A. 1

B. 9

C. 8 ✓

D. 3

**Q2** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

BLG : DHM

GMQ : IIW

A. CNH : EJN ✓

B. QDR : TZX

C. ULF : WGL

D. YPJ : ATP

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**Q3** General Intelligence and Reasoning

Select correct combination of mathematical signs to sequentially replace the @ signs and balance the following equation.

28 @ 7 @ 12 @ 6 @ 8

A. ×, =, −, ÷

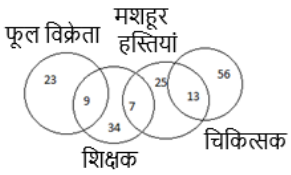
B. ÷, ×, =, −

C. ×, ÷, =, −

D. ÷, ×, =, × ✓

**Q4** General Intelligence and Reasoning HINDI - no English version saved

दिए गए आरेख का ध्यानपूर्वक अध्ययन कीजिए, और पूछे गए प्रश्न का उत्तर दीजिए। विभिन्न भागों में दी गई संख्याएं, व्यक्तियों की संख्या को दर्शाती हैं।




कितने व्यक्ति शिक्षक होने के साथ साथ फूल विक्रेता भी हैं?

A. 9 ✓

B. 7

C. 34

D. 43

**Q5** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word ABDUCT is arranged in alphabetical order?

A. 1

B. 2 ✓

C. 3

D. 4

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**Q6** General Intelligence and Reasoning

In this question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

Statement: $Z > G \geq W < Y = V > L < N$

Conclusions:

I. $V < G$

II. $Z < W$

A. Only conclusion I is true

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true ✓

**Q7** General Intelligence and Reasoning

If 9 May 2016 was a Monday, then what day of the week was 2 September 2016?

A. Sunday

B. Tuesday

C. Thursday

D. Friday ✓

**Q8** General Intelligence and Reasoning

Amit steps out of his house and walks 76 m towards the north. He takes a right turn and walks 23 m. He takes a right turn again and walks 61 m. Then he takes a left turn and walks 20 m. Then he takes a right turn and walks 34 m. He takes a final right turn and walks 43 m to reach a library. How far and in which direction is the library from Amit's house? (All turns are 90 degree turns only)

A. 19 m, North

B. 19 m, South ✓

C. 34 m, North

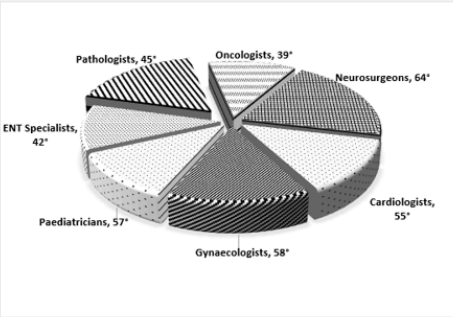
D. 34 m, South

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**Q9** General Intelligence and Reasoning

The given circle graph shows the specialists in a well-recognised private hospital during a particular year (in the form of central angle). Study the circle graph and answer the question.




If the total number of all the mentioned specialists during the year in the hospital was 120, then how many pathologists were there in the hospital?

A. 12

B. 10

C. 11

D. 15 ✓

**Q10** General Intelligence and Reasoning

Each of D, E, G, H, S, T, and Y has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. G's exam is on one of the days before H. E has the exam on Thursday. Only two person have exams between S and E. D has the exam on the day immediately after S. T has the exam on the day immediately before Y, but not on Saturday. G does not have the exam on Sunday. Who among the following has the exam on Friday?

A. Y

B. T ✓

C. G

D. H

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**Q11** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(4, 50, 6)

(2, 18, 4)

A. (5, 62, 6)

B. (15, 162, 3) ✓

C. (12, 60, 5)

D. (2, 125, 3)

**Q12** General Intelligence and Reasoning

Refer to the given letter, number and symbol series and answer the question that follows.

(Left) * Y S 2 # C 2 4 & 7 F & 2 @ R 4 € G 4 £ 9 (Right)

How many such letters are there in the series each of which is immediately preceded by a symbol and also immediately followed by a number?

A. 1

B. 2

C. 3 ✓

D. 4

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**Q13** General Intelligence and Reasoning

A decision is given followed by two statements I and II. Read all the information carefully and select the correct option.

**Decision:**

In many cities of Country S only hybrid cars are allowed in the centre of the city in order to control pollution. Following the same, Country M has also decided to implement this in some tier-I cities.

**Statements:**

I. Unlike Country S, public transport is not well connected in most of the tier-I cities in Country M.

II. As per recent reports, the biggest contributor of pollution in Country M are transport trucks and two-wheelers.

A. Both statements I and II weaken the decision ✓

B. Statement I weakens the decision and statement II is a neutral statement

C. Both statements I and II strengthen the decision

D. Statement I is a neutral statement and statement II strengthens the decision

**Q14** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(12, 9, 4)

(25, 25, 5)

A. (15, 12, 7)

B. (20, 12, 10)

C. (14, 10, 7)

D. (12, 16, 3) ✓

**Q15** General Intelligence and Reasoning

L, M, N, O, P, Q, R and S are sitting in a straight row, facing south. R and S are at the extreme ends of the row. O and Q are immediate neighbours. Only L sits between N and P. M sits to the immediate right of N. O sits to the immediate left of P. S sits to the immediate left of Q. Who sits to the immediate left of R?

A. M ✓

B. P

C. O

D. Q

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**Q16** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons in a family with different professions.




How many members of the family are clerks as well as potters?

A. 20

B. 12

C. 18 ✓

D. 48

**Q17** General Intelligence and Reasoning

If each of the digits in the number 243978615 is arranged in ascending order from left to right, the position of how many digits will remain unchanged as compared to that in the original number?

A. 4

B. 3

C. 2

D. 1 ✓

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## Q18 General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | 3 | # | 4 | 7 | @ | % | > | 2 | ! | ? | 5 | 8 | $ | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | S | F | T | J | D | G | E | X | V | W | K | U | P | M |

Conditions:

(i) If the first element is a symbol and the last a number, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last an even number, the first and the last elements are to be coded as Ø.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '3 @ 2 % 8' be coded?

A. Ø G V E Ø

B. Ø D X G Ø ✓

C. S D X G U

D. S G V E U

## Q19 General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. E is sitting at one of the corners and to the immediate left of F and immediate right of A. H, G and C are exactly sitting opposite to E, A and F, respectively. D is sitting to the immediate right of C. Who among the following is sitting to the immediate right of B?

A. F

B. E

C. G ✓

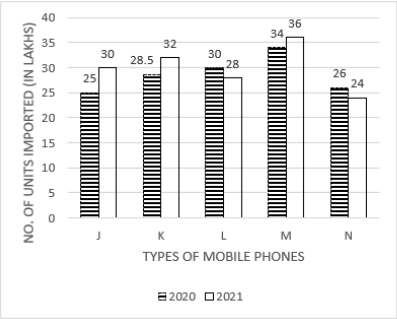
D. D

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## Q20 General Intelligence and Reasoning

The given bar graph shows the total number of different types of mobile phones J, K, L, M and N (in lakhs) imported by a company in 2020 and 2021. Study the bar graph and answer the question.




Which of the following types of mobile phones has the minimum percentage change (increase or decrease) from 2020 to 2021 in the number of mobile phones imported?

A. J

B. L

C. M ✓

D. N

## Q21 General Intelligence and Reasoning

1, 2, 3, 4, 5 and 6 are six cakes with different weights in a bakery. Only two cakes are heavier than 4. 2 is heavier than 1 but lighter than 6. 6 is lighter than 4. 3 is not the heaviest cake. Which of the following cakes is the heaviest?

A. 5 ✓

B. 3

C. 2

D. 1

## Q22 General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) and complete the given alpha-numeric series?

*I2, J3, L7, O16, S32, ?*

A. Y60

B. X57 ✓

C. X60

D. W55

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**Q23** General Intelligence and Reasoning

Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. G is kept fourth from the bottom and immediately below E and immediately above B. There are three boxes between C and F. D is kept at the bottom-most position. Which among the following can be the number of boxes kept between A and F?

A. Four ✓

B. Three

C. Two

D. Five

**Q24** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 248 382 425 127 335 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

NOTE - All operations to be done from left to right.

If 3 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the second digit?

A. 2 ✓

B. 3

C. 1

D. 4

**Q25** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

3, 8, 14, 30, 58, ?

A. 122

B. 116

C. 120

D. 118 ✓

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## Q26 General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | = | $ | 6 | 8 | < | ? | / | 2 | 5 | ! | @ | 7 | 3 | ^ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | G | L | F | M | E | N | D | P | C | R | T | B | V | A |

Conditions:

(i) If the first element is a symbol and the last a number, then the first and last elements are to be coded as © and ¥, respectively.

(ii) If the first element is an odd number and the last an even number, the codes for these two are to be interchanged.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '5 $ = 2 ^ 8' be coded?

A. M L G P A C ✓

B. C L G P A M

C. © L G P A ¥

D. M G L P A C

## Q27 General Intelligence and Reasoning

Five boxes G, T, Y, R and U are placed one over the other but not necessarily in the same order. Exactly two boxes are placed between T and Y, but T is neither at the bottom nor at the top. What are the probable positions that T can take from the bottom?

A. First and Third

B. Second and Third

C. Third and Fourth

D. Second and Fourth ✓

## Q28 General Intelligence and Reasoning

Sheena steps out from her apartment and walks 9 m towards the south. She takes a right turn and walks 43 m. She takes a right turn again and walks 38 m. Again, she takes a right turn and walks 43 m. She takes a right turn again and walks 12 m. Again, she takes a right turn again and walks 26 m. She then takes a left turn and walks 17 m. She takes a left turn again and walks 12 m to reach point A. How far and in which direction is point A from Sheena's apartment? (All turns are 90 degree turns only)

A. 14 m, East

B. 14 m, West ✓

C. 17 m, East

D. 17 m, West

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**Q29** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

15, 21, 33, 51, 75,?

A. 78

B. 95

C. 105 ✓

D. 108

**Q30** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$15.95 - 4.01 + 13.99 \times 5.13 = ?$

A. 77

B. 82 ✓

C. 80

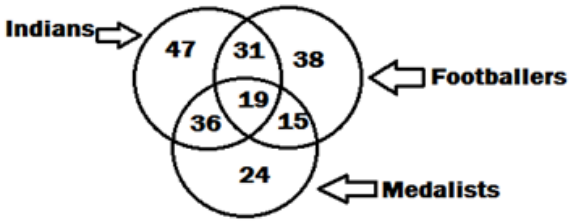
D. 75

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**Q1** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such medallists are there who are also Indians?

A. 19

B. 36

C. 50

D. 55 ✓

**Q2** General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

Floods caused widespread damage to crops in Odisha this year.

**Arguments:**

I. There has been a bumper production of food grains in Odisha this year.

II. The number of crop insurance claims has seen a significant increase in Odisha this year.

A. Argument I weakens, while argument II strengthens the statement ✓

B. Argument II weakens, while argument I strengthens the statement

C. Both arguments I and II weaken the statement

D. Both arguments I and II strengthen the statement

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**Q3** General Intelligence and Reasoning

FM 25 is related to IJ 125 in a certain way. In the same way, NO 36 is related to QL 216. To which of the following is MP16 related following the same logic?

A. PM 32

B. PN 64

C. PM 64 ✓

D. ON 64

**Q4** General Intelligence and Reasoning

In this question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

Statement: $T = S \geq N = A \leq U > P < Q$

Conclusions:

I. $S > Q$

II. $A < T$

A. Only conclusion I is true

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true ✓

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**Q5** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | 2 | < | 4 | 7 | ^ | % | > | 3 | ! | ? | 5 | 8 | $ | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | A | F | T | J | D | G | E | Z | V | W | K | U | P | L |

Conditions:

(i) If the first element is a symbol and the last a number, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last an even number, the first and the last elements are to be coded as Ø.

(iii) If both the second and third elements are symbols, the third element is to be coded as the code for the second element.

How will '3 < 5 ! 2' be coded?

A. Z F K V A

B. Ø F K V A

C. Ø F K W Ø

D. Ø F K V Ø ✓

**Q6** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

16 : 2 :: 36 : 3 :: 64 : ?

A. 6

B. 3

C. 5

D. 4 ✓

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**Q7** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many Africans are there who are also authors?

A. 22 ✓

B. 14

C. 8

D. 45

**Q8** General Intelligence and Reasoning

How many such pairs of letters are there in the word '*DABSTER*' (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. One

B. Two

C. Three

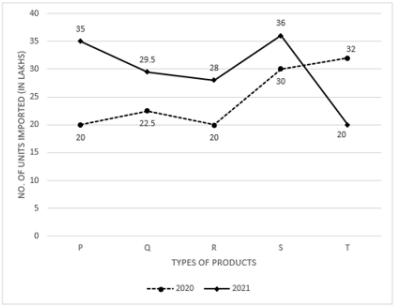
D. More than three ✓

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## Q9 General Intelligence and Reasoning

The given line graph shows the total number of different cosmetic products P, Q, R, S and T (in lakhs) imported by company 'XYZ' in the years 2020 and 2021. Study the line graph and answer the question.




The average import of Q type of products in both the years 2020 and 2021 was equal to the average import of which type of product in the same years?

A. P

B. R

C. S

D. T ✓

## Q10 General Intelligence and Reasoning

What approximate value should come in place of the question mark (?) in the following equation?

30.01% of 199.99 + 35.023% of 550.045 = ? – 540.078

A. 890

B. 790 ✓

C. 640

D. 580

## Q11 General Intelligence and Reasoning

If 2 is added to each odd digit and 3 is subtracted from each even digit in the number 835647, what will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 14

B. 6 ✓

C. 8

D. 10

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**Q12** General Intelligence and Reasoning

Five students - 1, 2, 3, 4 and 5 - are sitting around a circular table facing away from the centre. 3 is sitting second to the right of 4 and to the immediate left of 5. 3 and 4 are immediate neighbours of 1. Which of the following statements is true?

A. 2 is sitting second to the right of 1.

B. 1 and 2 are the immediate neighbours of 4. ✓

C. 1 is sitting third to the left of 5.

D. 2 is sitting to the immediate left of 5.

**Q13** General Intelligence and Reasoning

Arun starts from his office and drives 5 km towards the east. He then takes a right turn, drives 4 km, turns right and drives 5 km. He then takes a right turn and drives 3 km and stops at a shop. Which direction should he drive now in order to reach his office from that shop? (All turns are 90° turns only.)

A. North ✓

B. South

C. North-east

D. North-west

**Q14** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | 8 | = | / | & | 3 | 7 | @ | $ | 2 | < | % | 6 | + | 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | F | R | D | S | Z | B | P | K | U | H | Y | X | T | G |

Conditions:

(i) If the first element is a symbol and the last a number, the first element is to be coded as the code for the last element.

(ii) If the first element is a number that is completely divisible by 3, it is to be coded as Ø.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '6 @ & 4 =' be coded?

A. Ø P S G R ✓

B. X P S G R

C. T K Z G R

D. Ø P S T D

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**Q15** General Intelligence and Reasoning

Nine people, 1 to 9, are sitting in a straight row, facing the south. 8 is sitting in the middle of the row and his immediate left and right neighbours are 5 and 1, respectively. 9 is sitting at one of the extreme ends and his immediate right neighbour is 2. Only five people are there between 2 and 3. 3 is sitting between 7 and 4. 1 and 7 are immediate neighbours. If 7 and 6 exchange their positions, then who among the following will be the immediate left neighbour of 7?

A. 5

B. 2 ✓

C. 3

D. 1

**Q16** General Intelligence and Reasoning

Each of R, S, T, U, V, W and X has a duty as a cleaning agent on a different day of a week, starting from Monday to Sunday of the same week. X has duty on a day immediately before U. S and T have duties on one of the days before X. Only W has duty on the day between S and T. V has duty on Tuesday. Who has duty on Monday?

A. S

B. X

C. R ✓

D. U

**Q17** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(14, 60, 16)

(25, 80, 15)

A. (21, 120, 15)

B. (15, 45, 30)

C. (20, 30, 40)

D. (19, 80, 21) ✓

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**Q18** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

Statements:

All lamps are lanterns.

All lanterns are torches.

All torches are candles.

Conclusions:

(I) Some candles are lamps

(II) All lanterns are lamps

(III) No lantern is a lamp

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Only conclusion I and III follows

D. None of the conclusions follow

**Q19** General Intelligence and Reasoning

H, I, J, K, L, M and N are seven boxes that are kept one over the other but not necessarily in the same order. K is kept on one of the positions above L. Only one box is kept between K and L. J is kept immediately above M. H is kept immediately below L. Only two boxes are kept between M and H. Only one box in kept between L and N. How many boxes are kept between N and K?

A. One

B. Two

C. Three ✓

D. Four

**Q20** General Intelligence and Reasoning

Which of the following interchanges of numbers would make the given equation correct?

$2 \times 10 \div 8 + 6 - 4 = 9$

A. 2, 4 ✓

B. 6, 8

C. 9, 10

D. 2, 8

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**Q21** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) and complete the given alpha-numeric series?

*15M, 17P, 20S, 25V, ?*

A. 31Z

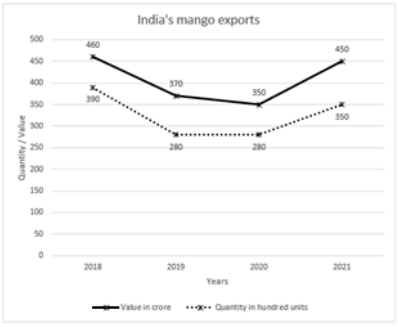
B. 37Y

C. 32Y ✓

D. 32Z

**Q22** General Intelligence and Reasoning

The given line graph shows the data of Mango exports in India from year 2018 to 2021. Study the given line graph and answer the question.




In which year was the value per hundred units the minimum?

A. 2018 ✓

B. 2019

C. 2020

D. 2021

**Q23** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

40, 66, 100, 142, ?

A. 192 ✓

B. 190

C. 194

D. 198

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**Q24** General Intelligence and Reasoning

Refer to the following letter and symbol series and answer the question.

(Left) E # R & H & @ J & M N # B & V && D # P @ W % & Q & A % & # E & (Right)

How many such letters are there in the series which are immediately preceded and immediately followed by the symbol '&'?

A. Two

B. Three ✓

C. Four

D. Five

**Q25** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $D < Y > E \geq A < O < C$

Conclusions:

I. $D < O$

II. $E > C$

A. Only conclusion I is true

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true ✓

**Q26** General Intelligence and Reasoning

Dev walks 23 m towards the west from his hostel gate. He takes a left turn and walks 14 m. Then he takes a right turn and walks 63 m. Then he takes a left turn and walks 32 m. He takes a left turn again and walks 86 m. Again, he takes a left turn and walks 16 m to reach a canteen. How far and in which direction is the canteen from Dev's hostel gate? (All turns are 90 degree turns only)

A. 16 m, North

B. 16 m, South

C. 30 m, North

D. 30 m, South ✓

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**Q27** General Intelligence and Reasoning

All 30 students of a class are standing in a straight row facing the north. Ashok is $16^{th}$ from the right end, while Aruna is $19^{th}$ from the left end. How many students stand between Ashok and Aruna?

A. One

B. Two

C. Three ✓

D. Four

**Q28** General Intelligence and Reasoning

If 5 January 2016 was a Tuesday, then what day of the week was 8 November 2015?

A. Sunday ✓

B. Saturday

C. Thursday

D. Friday

**Q29** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) & X Y # F K & 3 T & * 8 W ¥ % ^ D U G $ € ø $ 5 S @ J (Right)

How many such numbers are there which are immediately preceded by a symbol and immediately followed by a consonant?

A. 1

B. 2

C. 3 ✓

D. 4

**Q30** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

4, 22, 43, 69, 102, 144, ?

A. 197 ✓

B. 179

C. 199

D. 177

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**Q1** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

18, 19, 28, 53, 102, ?

A. 183 ✓

B. 138

C. 1389

D. 198

**Q2** General Intelligence and Reasoning

In the given question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

Statement: $S < \# = \& \leq @ > * = !$

Conclusions: I. $* > \&$

II. $\# < !$

A. Only conclusion I is true

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true ✓

**Q3** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

28, 32, 39, 52, 74, ?

A. 110

B. 108 ✓

C. 100

D. 112

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**Q4** General Intelligence and Reasoning

Each consonant in the word *'COMPARE'* is changed to the letter following it in the English alphabetical order, and each vowel is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

A. Only D

B. Only N

C. Only Q

D. D and N ✓

**Q5** General Intelligence and Reasoning

Veronica started from a point and walked 25 m towards the west, she then turned right and walked for 5 m. From there she turned right and walked for 15 m, turned right again, and walked for 5 m. Which side should she turn now and how much distance should she walk for in order to reach the starting point?

(All turns are 90 degree turns only)

A. Left, 15 m

B. Right, 10 m

C. Left, 10 m ✓

D. Right, 15 m

**Q6** General Intelligence and Reasoning

Study the given arrangement carefully and answer the question that follows.

(Left) £ & 6 @ 4 ₱ 2 4 % 1 3 ^ 3 ¥ @ 8 8 % 7 (Right)

How many such symbols are there in the above arrangement each of which is immediately followed by a number and immediately preceded by a symbol?

A. 1

B. 2 ✓

C. 3

D. 4

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**Q7** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(7, 150, 23)

(14, 100, 6)

A. (15, 140, 13) ✓

B. (9, 80, 11)

C. (8, 90, 11)

D. (4, 108, 16)

**Q8** General Intelligence and Reasoning

Q, R, S, T, U, V and W are seven boxes, kept one over the other but not necessarily in the same order. Only one box is kept between Q and R. W is kept immediately above Q. Only one box is kept between R and U. T is kept immediately below R. How many boxes are kept between T and W?

A. 1

B. 2

C. 3 ✓

D. 4

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**Q9** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | 7 | 4 | & | @ | ? | 8 | < | # | 2 | % | ! | 5 | = | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | Q | S | R | T | U | P | W | Y | A | V | C | X | D | H |

Conditions:

(i) If the first element is a symbol and the last a number, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last an even number, the first and the last elements are to be coded as Ø.

(iii) If both the first and third elements are numbers, the third element is to be coded as the code for the first element.

How will '2 @ 7 # = 5' be coded?

A. A T A Y D X ✓

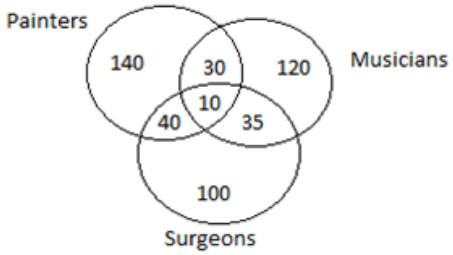
B. A T Q Y D X

C. Q T Q Y D C

D. Q T A Y D C

**Q10** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons living in a village.




How many surgeons are living in the village?

A. 185 ✓

B. 100

C. 150

D. 35

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**Q11** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

POT : UPQ

EST : UTF

A. PTU : VUV

B. MEN : NFO

C. CAT : UBD ✓

D. TOW : UPU

**Q12** General Intelligence and Reasoning

This question is based on the following 3-letter words.
(left) MAT CRY NIB DON (right)

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel ?

A. One ✓

B. Two

C. Three

D. Four

**Q13** General Intelligence and Reasoning

In a certain code language, 'ASSURED' is written as 'TTBUEFS' and 'BENEFIT' is written as 'OFCEUJG'. How will 'CABINET' be written in that language?

A. CBDJUFO

B. DBCIOFU

C. CBDIUFO ✓

D. CBDIUFU

**Q14** General Intelligence and Reasoning

How will quarter to eight be indicated in the 24-hour format?

A. 19:45 hours ✓

B. 20:15 hours

C. 19:15 hours

D. 20:45 hours

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**Q15** General Intelligence and Reasoning

Seven people with the initials of their names G, H, I, J, K, L and M were sipping their tea, sitting around a circular table, facing the centre. They were equidistant to one another. K was sitting to the immediate right of I. Only H was sitting between M and J. L was an immediate neighbour of M. G was sitting third to the right and fourth to the left of J. Who were the immediate neighbours of G?

A. L and I

B. K and M

C. M and I

D. K and L ✓

**Q16** General Intelligence and Reasoning

What approximate value should come in place of the question mark (?) in the following equation?

$444.033 \div 15.998 \div 37.02 \times 11.992 = ?$

A. 9 ✓

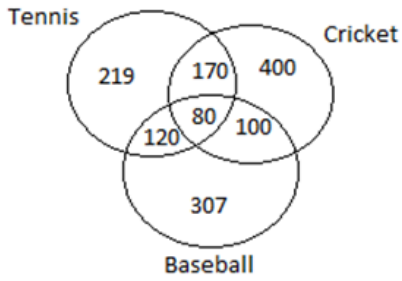
B. 81

C. 125

D. 243

**Q17** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons who like different sports.




How many people like both cricket and baseball?

A. 80

B. 100

C. 180 ✓

D. 210

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**Q18** General Intelligence and Reasoning

Six persons, P, Q, R, S, T and U, were born in different months of the same year, viz. January, February, March, April, May and June. U was born in the immediate next month of Q's birth month. R was born in May. P was not born in January. S was not born in April. Only one person was born between the months of P and R's birth months. In which month was T born?

A. February

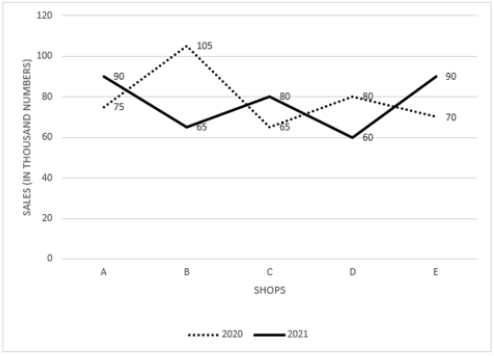
B. March

C. April ✓

D. June

**Q19** General Intelligence and Reasoning

The given line graph shows the sales of a product X (in thousand numbers) from five different shops A, B, C, D and E in the years 2020 and 2021. Study the line graph and answer the question.




What is the average sale from all the shops (in thousand numbers) for the year 2020?

A. 82

B. 85

C. 79 ✓

D. 80

**Q20** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

B _ A _ B _ _ B _ _ BA _ B _ MB _

A. MABBABAAB

B. ABAMAABBM

C. AMBBMBAMM

D. BMABAMBAA ✓

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**Q21** General Intelligence and Reasoning

Five boxes G, T, Y, R and U are placed one over the other but not necessarily in the same order. Exactly two boxes are placed between T and Y, but T is neither at the bottom nor at the top and not at any position above Y. What is the position of T from the bottom?

A. Second ✓

B. Third

C. Fourth

D. First

**Q22** General Intelligence and Reasoning

The given table shows the details of the number of boys and girls from four different departments of a recognised university who got campus placements over the years. Study the table and answer the question.

| Dept / Year | Department A | | Department B | | Department C | | Department D | |
|---|---|---|---|---|---|---|---|---|
| | Boys | Girls | Boys | Girls | Boys | Girls | Boys | Girls |
| 2017 | 150 | 200 | 200 | 150 | 180 | 200 | 110 | 120 |
| 2018 | 100 | 80 | 100 | 100 | 150 | 140 | 100 | 120 |
| 2019 | 150 | 130 | 120 | 140 | 100 | 80 | 200 | 150 |
| 2020 | 100 | 120 | 160 | 120 | 90 | 100 | 180 | 160 |

What is the difference between the number of boys and girls from all the departments who got campus placements in the year 2018?

A. 10 ✓

B. 15

C. 20

D. 25

**Q23** General Intelligence and Reasoning

S, T, U, V, W, X, Y and Z were eight ministers, sitting around a circular table, facing the centre. They were equidistant to one another. Only V was sitting between S and X. Only T was sitting between Z and W. Y was sitting fourth to the left of W, while S was sitting fourth to the left of T. Z was sitting second to the left of Y. Which minister was sitting fourth to the left of X?

A. Only V

B. Only Z

C. Only U ✓

D. Either U or V

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**Q24** General Intelligence and Reasoning

A statement is given followed by two possible underlying assumptions I and II. Read all the information carefully and decide which of the given assumptions can be assumed by the given statement.

**Statement**:

Following Country G's decision, which was taken a decade ago to control pollution, Country N has also decided to keep a cap on the number of cars in the country. So, now if someone in Country N wants to buy a car, they will have to wait until someone in the country sells their car or a car is registered as completely non-functional and is scrapped.

**Assumptions:**

I. The other transport options in Country N are enough to cater to the 'non-car owning' population of the country.

II. The decision was most likely successful in Country G in controlling pollution.

A. Only I can be assumed

B. Only II can be assumed

C. Both I and II can be assumed ✓

D. Neither I nor II can be assumed

**Q25** General Intelligence and Reasoning

Rekha, from point A, walks 41 m towards the west. She takes a right turn and walks 84 m. She takes a right turn again and walks 92 m. Again, she takes a right turn and walks 84 m. She takes a right turn again and walks 19 m to reach point B. How far and in which direction is point B from point A? (All turns are 90 degree turns only)

A. 32 m, East ✓

B. 32 m, West

C. 30 m, East

D. 30 m, West

**Q26** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$\left(\sqrt{142} + 52 \div 26 \times 5 - \sqrt{80}\right) \times 2 = ?$

A. 20

B. 26 ✓

C. 30

D. 32

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**Q27** General Intelligence and Reasoning

In the given question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

*Statement:* $U = L > Y \leq C = I > G$

*Conclusions:* I. $U \leq C$

II. $C > G$

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true

**Q28** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(3, 5, 21)

(4, 2, 14)

A. (5, 2, 19)

B. (6, 3, 12)

C. (8, 4, 28) ✓

D. (7, 1, 23)

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**Q29** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

Statements:

Few mice are rats

Most rats are vultures

All vultures are hawks

Conclusions:

(I) Few mice are vultures

(II) Some hawks are mice

(III) Some rats are hawks

A. Only conclusion I follows

B. Only conclusion III follows ✓

C. Only conclusion I and III follow

D. All conclusions I, II and III follow

**Q30** General Intelligence and Reasoning

If 2 is added to each odd digit and 2 is subtracted from each even digit in the number given below, what will be the difference in the digits that are third from the left and third from the right in the new number thus formed?

(Left) 32578641 (Right)

A. 2

B. 3 ✓

C. 4

D. 5

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**General Intelligence and Reasoning** 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 58132745, what will be the sum of the digits which are second from the left and third from the right?

A. 5

B. 15 ✓

C. 8

D. 10

**Q2** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(12, 112, 9)

(6, 28, 4)

A. (11, 99, 9)

B. (13, 55, 4)

C. (18, 94, 5) ✓

D. (12, 149, 12)

**Q3** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. K sits to the immediate left of G. L sits to the immediate right of P. P is fourth to the right of G. L is fourth to the left of H. If no other person is sitting in the row, what is the total number of persons seated?

A. 10

B. 11 ✓

C. 12

D. 13

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**Q4** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

P Q S D A B U E H I R I A A Y E J S B R X M F G U A B U E H I R

How many such vowels are there in the series each of which is immediately preceded by a consonant and also immediately followed by a consonant?

A. 2

B. 3

C. 4 ✓

D. 5

**Q5** General Intelligence and Reasoning

Eight clowns I, J, K, L, M, N, O and P were sitting around a square table, facing the centre. Some of them were sitting at the corners, while some were sitting at the exact centre of the sides. K was sitting to the immediate left of O. J was sitting to the immediate right of M. P was sitting second to the right of L. J was sitting fourth to the left of P. N was sitting fourth to the left of K. O was sitting to the immediate left of M. M is sitting at one of the corners. Who was sitting fourth to the left of I?

A. O

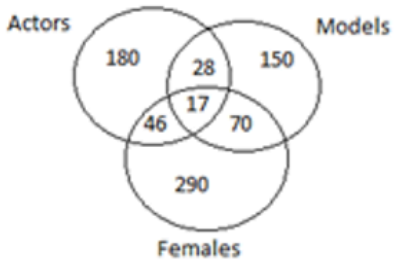
B. L

C. M ✓

D. P

**Q6** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons working in a film industry.




How many female actors are also models?

A. 28

B. 46

C. 70

D. 17 ✓

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**Q7** General Intelligence and Reasoning

The given table shows the production of food grains (in tonnes) in a certain state of India for the period 2016-2020.
Study the table and answer the question.

| Food grains / Year | Wheat | Maize | Rice | Pulses | Beans |
|---|---|---|---|---|---|
| 2016 | 410 | 680 | 500 | 390 | 280 |
| 2017 | 500 | 700 | 550 | 400 | 250 |
| 2018 | 550 | 500 | 580 | 380 | 300 |
| 2019 | 510 | 750 | 560 | 500 | 260 |
| 2020 | 600 | 800 | 600 | 510 | 300 |

In the year 2018, the total production of rice and beans is approximately what percentage of the total production of rice and beans in the year 2020?

A. 97.8% ✓

B. 85.5%

C. 89.3%

D. 90.5%

**Q8** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

6, 8, 15, 37,104, ?

A. 306 ✓

B. 308

C. 310

D. 312

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**Q9** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

I. All B's are G's.
II. Some G's are S's.
III. Some S's are A's.

**Conclusions:**

I. All B's are S's.
II. Some A's are B's.

A. Only conclusion I follows
B. Only conclusion II follows
C. Neither conclusion I nor II follows ✓
D. Both conclusions I and II follow

**Q10** General Intelligence and Reasoning

If the time in the mirror image of a 12-hour clock is 5:40, what is the actual time?

A. 6:20 ✓
B. 6:10
C. 2:50
D. 2:10

**Q11** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

MON : PLQ

KIT : NFW

A. LPG : OMK
B. PEN : SBQ ✓
C. PET : SIW
D. TAP : WYS

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**Q12** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷' and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$100 + 136 \times 17 - 12 \div 6 = ?$

A. 4

B. 8

C. 10 ✓

D. 14

**Q13** General Intelligence and Reasoning

Six students - 1, 2, 3, 4, 5 and 6 - are sitting around a circular table facing the centre. 4 is sitting to the immediate right of 5 and immediate left of 6. 5 is sitting second to the right of 3. 6 and 3 are the immediate neighbours of 1. Who among the following is sitting to the immediate left of 2?

A. 3 ✓

B. 6

C. 5

D. 4

**Q14** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | 6 | # | 4 | 9 | @ | % | > | 2 | ! | ? | 5 | 8 | $ | 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | C | H | T | J | D | G | M | X | V | W | K | U | N | L |

Conditions:

(i) If the first element is a symbol and the last, a number, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last, an even number, the first and last elements are to be coded as £.

(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '$ # 9 4 @ 3' be coded?

A. N H J T D L

B. L H J T D N ✓

C. £ H J T D £

D. L H D T G N

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**Q15** General Intelligence and Reasoning

In a certain code language, 'PUNCH' is written as 'OWMEG' and 'SHAWL' is written as 'RJZYK'. How will 'KARMA' be written in that language?

A. JCQOZ ✓

B. KZQPY

C. JZQOZ

D. KZQPZ

**Q16** General Intelligence and Reasoning

If each of the digits in the number given below is arranged in the ascending order from left to right, the position of how many digits will remain unchanged as compared to that in the original number?

(Left) 6352897 (Right)

A. None

B. One

C. Two ✓

D. Three

**Q17** General Intelligence and Reasoning

Starting from point A, Jagdish walks 98 m towards the west. He takes a left turn and walks 54 m. He takes a left turn again and walks 112 m. Again, he takes a left turn and walks 54 m to reach point B. How far and in which direction is point A from point B? (All turns are 90 degree turns only)

A. 14 m, East

B. 14 m, West ✓

C. 16 m, East

D. 16 m, West

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**Q18** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.
(Left) 248 382 415 127 335 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

NOTE - All operations to be done from left to right.

What will be the resultant if the first digit of the second smallest number is multiplied with the second digit of the largest number?

A. 2 ✓

B. 4

C. 6

D. 8

**Q19** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. D sits to the immediate left of F. Only six people sit between S and D. K sits third to the right of F. S sits at the extreme left end of the row. If no other person is sitting in the row, what is the total number of persons seated?

A. 10

B. 11

C. 12 ✓

D. 13

**Q20** General Intelligence and Reasoning

A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $L = U > V > E < Z < Q$

A. $L < V$

B. $U > E$ ✓

C. $E = L$

D. $Q > V$

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**Q21** General Intelligence and Reasoning

Seven boxes J, K, L, M, N, O and P are kept one over the other but not necessarily in the same order. Only five boxes are kept between K and J. L is kept immediately above P. M is kept immediately below N. O is kept at one of the positions above J. N is kept immediately below K. How many boxes are kept between N and J?

A. 1

B. 2

C. 3

D. 4 ✓

**Q22** General Intelligence and Reasoning

Refer to the following number series and answer the question.

5 6 2 6 5 8 5 3 5 0 2 6 3 8 2 5 6 9 3 7

How many such odd numbers are there each of which is immediately preceded by an even number and also immediately followed by an even number?

A. 1

B. 2

C. 3 ✓

D. 4

**Q23** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $F = U \geq P = M \leq K < W < T$

A. $M > F$

B. $T < K$

C. $P \geq K$

D. $F \geq P$ ✓

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**Q24** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

Statements:

Some tablets are mobile phones

All mobile phones are telephones

Some laptops are tablets

Conclusions:

(I) Some laptops are mobile phones

(II) Some telephones are laptops

(III) All tablets are telephones

A. Only conclusion I follows

B. Only conclusion II follows

C. Only conclusion I and III follows

D. None of the conclusions follow ✓

**Q25** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) and complete the given alpha-numeric series?

25LN, 26OQ, 29RT, ? 41XZ

A. 31UW

B. 30UV

C. 34UW ✓

D. 34VW

**Q26** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

25 : 49 :: 42 : 36 :: 74 : ?

A. 122

B. 120

C. 118

D. 121 ✓

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**Q27** General Intelligence and Reasoning

To reach point Q from point S, a person has to walk 83 m towards the west. He must then take a right turn and walk 240 m. He must take another right turn and walk 147 m. He must take another right turn and walk 240 m to reach the destination. How far and in which direction is point Q from point S? (All turns are 90 degree turns only)

A. 59 m, East

B. 59 m, West

C. 64 m, East ✓

D. 64 m, West

**Q28** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

87, 66, 53, 46, 43, ?

A. 40

B. 41

C. 42 ✓

D. 44

**Q29** General Intelligence and Reasoning

A statement is given followed by two possible underlying assumptions I and II. Read all the information carefully and decide which of the given assumptions can be assumed by the given statement.

**Statement**:

Recent marketing trends suggest that words like 'premium', 'exquisite', 'priority' are considered prestigious by consumers of the middle income group and hence increase the chances of sale of any product advertised with these words.

**Assumptions:**

I. The products advertised with the said 'prestigious' words definitely cost higher than those which are not advertised with such words.

II. Such prestigious words have no impact on sales among the lower income group.

A. Only I can be assumed

B. Only II can be assumed

C. Both I and II can be assumed

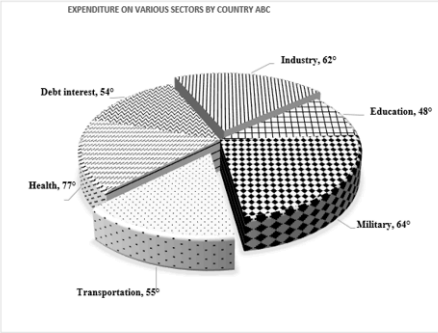
D. Neither I nor II can be assumed ✓

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## Q30 General Intelligence and Reasoning

The given circle graph shows the annual spending of country 'ABC' on various sectors during a particular year (in the form of central angle). Study the circle graph and answer the question.




If the amount spent on industry and transportation during a year was $10 million, then what was the total approximate amount spent on all the various sectors by the country in that year?

A. $20.5 million

B. $50 million

C. $45.5 million

D. $30.8 million ✓

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning HINDI - no English version saved

उस विकल्प का चयन करें, जिसका पांचवें अक्षर-समूह से वही संबंध है, जो दूसरे अक्षर-समूह का पहले अक्षर-समूह से है, और चौथे अक्षर-समूह का तीसरे अक्षर-समूह से है।

FAKE : GZLD :: CALL : DZMK :: PICK : ?

A. QHBJ

B. QHBL

C. QHDJ ✓

D. QHDL

**Q2** General Intelligence and Reasoning HINDI - no English version saved

A, B, C, D, E और F नामक छह मित्रों की लंबाइयां अलग-अलग हैं। D की लंबाई, केवल दो अन्य मित्रों से अधिक है। C की लंबाई, B से कम है। F की लंबाई, E से अधिक है। D की लंबाई, A से कम है। E की लंबाई, A से अधिक है। सभी मित्रों में से सबसे लंबा कौन है?

A. E

B. F ✓

C. D

D. B

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**Q3** General Intelligence and Reasoning HINDI - no English version saved

इस प्रश्न में, एक कथन और उसके बाद दो निष्कर्ष दिए गए हैं। निम्नलिखित कथन के आधार पर, दिए गए दो निष्कर्षों में से कौन से सत्य हैं?

**कथन:**

$O > L \geq E = P > S < A$

**निष्कर्ष:**

I. $P < A$

II. $O < E$

A. केवल निष्कर्ष I सत्य है।

B. केवल निष्कर्ष II सत्य है।

C. निष्कर्ष I और II दोनों सत्य हैं।

D. न तो निष्कर्ष I और न ही II सत्य है। ✓

**Q4** General Intelligence and Reasoning HINDI - no English version saved

निम्नलिखित में से उस पद का चयन कीजिए, जो दी गई शृंखला में प्रश्न चिह्न (?) के स्थान पर आकर तार्किक रूप से शृंखला को पूर्ण करेगा?

TGB 6, VED 18, XCF 30, ZAH 42, BYJ 54,?

A. YLB 60

B. DWL 66 ✓

C. DAL 60

D. YBL 66

**Q5** General Intelligence and Reasoning HINDI - no English version saved

किसी परिवार के आठ सदस्य - T, U, V, W, X, Y, Z और A, एक वर्गाकार मेज के चारों ओर केंद्र की ओर मुख करके बैठे थे। उनमें से कुछ इसके कोनों पर बैठे थे, जबकि कुछ भुजाओं के ठीक मध्य में बैठे थे। W और X के बीच में केवल एक व्यक्ति बैठा था। V, U के बाईं ओर चौथे स्थान पर बैठा था। Z और X के बीच में केवल A बैठा था। Y किसी भी कोने पर नहीं बैठा था। X किसी एक कोने पर बैठा था। V, Z के बाईं ओर ठीक बगल में बैठा था। परिवार का इनमें से कौन-सा सदस्य मेज के किसी एक कोने पर बैठा था?

A. U

B. T ✓

C. A

D. V

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**Q6** General Intelligence and Reasoning HINDI - no English version saved

एक कथन और उसके बाद दो संभावित अंतर्निहित धारणाएं I और II दी गई हैं। सभी जानकारियों का ध्यानपूर्वक अध्ययन कीजिए, और बताइए कि दिए गए कथन द्वारा कौन सी धारणाओं का अनुमान लगाया जा सकता है?

कथन:
चूंकि, मूवी R जिसके प्रचार पर केवल ₹1.3 करोड़ खर्च किए गए हैं, उसकी तुलना में मूवी X के प्रचार पर ₹3.6 करोड़ खर्च किए गए हैं, इसलिए मूवी X निश्चित रूप से बॉक्स ऑफिस पर अधिक कमाई करेगी।

धारणाएं:
I. वह फिल्म, जिसके प्रचार पर ₹1 करोड़ से कम खर्च किया जाता है, वह बॉक्स ऑफिस पर अच्छा प्रदर्शन नहीं कर सकती है।
II. मूवी X, मूवी R से अधिक पुरस्कार जीत सकती है।

A. केवल I का अनुमान लगाया जा सकता है।

B. केवल II का अनुमान लगाया जा सकता है।

C. I और II दोनों का अनुमान लगाया जा सकता है।

D. न तो I और न ही II का अनुमान लगाया जा सकता है। ✓

**Q7** General Intelligence and Reasoning HINDI - no English version saved

शब्द 'COMPANY' के प्रत्येक व्यंजन को अंग्रेजी वर्णमाला क्रम में उसके अगले अक्षर से बदल दिया जाता है, और प्रत्येक स्वर को अंग्रेजी वर्णमाला क्रम में उसके पूर्ववर्ती अक्षर से बदल दिया जाता है। यदि इस प्रकार बने शब्द के सभी अक्षरों को वर्णानुक्रम में व्यवस्थित किया जाता है, तो दाएं सिरे से चौथे स्थान पर कौन सा अक्षर होगा?

A. N

B. Q

C. Z

D. O ✓

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**Q8** General Intelligence and Reasoning HINDI - no English version saved

छह व्यक्तियों - A, B, C, D, E और F के जन्मदिन एक ही वर्ष के विभिन्न महीनों, अर्थात् फरवरी, अप्रैल, जून, अगस्त, सितंबर और दिसंबर में हैं, लेकिन उनका इसी क्रम में होना अनिवार्य नहीं है।

B और A के बीच क्रमवार केवल एक व्यक्ति का जन्मदिन है। C और E के बीच क्रमवार केवल दो व्यक्तियों के जन्मदिन हैं। F का जन्मदिन सितंबर से ठीक पहले आने वाले महीने में है। D का जन्मदिन दिसंबर में है। इनमें से किसका जन्मदिन फरवरी में है?

A. C

B. E

C. B ✓

D. F

**Q9** General Intelligence and Reasoning HINDI - no English version saved

उस समुच्चय का चयन कीजिए, जिसमें मौजूद संख्याओं के बीच वही संबंध है, जो निम्नलिखित समुच्चयों की संख्याओं के बीच है।

(नोट: संक्रियाएं संख्याओं को उनके संघटक अंकों में विभक्त किए बिना, संपूर्ण संख्याओं पर की जानी चाहिए। उदाहरणार्थ - 13 पर की जाने वाली संक्रियाएं, जैसे - जोड़ना / घटाना / गुणा करना इत्यादि 13 पर ही की जानी चाहिए। 13 को 1 और 3 में विभक्त करना, और फिर 1 और 3 पर गणितीय संक्रियाएं करने की अनुमति नहीं है।)

(14, 25, 19)

(12, 16, 16)

A. (17, 25, 21)

B. (18, 16, 14) ✓

C. (19, 20, 24)

D. (24, 30, 30)

**Q10** General Intelligence and Reasoning HINDI - no English version saved

निम्नलिखित में से कौन सा विकल्प उस निकटतम लगभग मान को दर्शाता है, जो निम्नलिखित समीकरण में प्रश्न चिह्न (?) के स्थान पर आएगा?

$17.89 - 0.0123 + 2.21 \times 3.63 = ?$

A. 15

B. 26 ✓

C. 36

D. 42

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**Q11** General Intelligence and Reasoning HINDI - no English version saved

उस संख्या का चयन कीजिए, जो निम्नलिखित श्रेणी में प्रश्न चिह्न (?) के स्थान पर आएगी।

7, 9, 15, 49, 191,?

A. 916

B. 961 ✓

C. 966

D. 911

**Q12** General Intelligence and Reasoning HINDI - no English version saved

उस संख्या का चयन कीजिए, जो निम्नलिखित श्रेणी में प्रश्न चिह्न (?) के स्थान पर आएगी?

7, 7, 10, 50, 57, ?

A. 114

B. 225

C. 345

D. 513 ✓

**Q13** General Intelligence and Reasoning HINDI - no English version saved

आठ लड़कियां Q, R, S, T, U, V, W और X एक वर्गाकार मेज के चारों ओर केंद्र की ओर मुख करके बैठी थीं। उनमें से कुछ इसके कोनों पर बैठी थी, जबकि कुछ भुजाओं के ठीक मध्य में बैठी थी। R और S के बीच में केवल V बैठी थी। Q और T एक दूसरे के ठीक बगल में बैठी थीं। T और S के बीच में केवल X बैठी थी। U, Q के दाईं ओर ठीक बगल में बैठी थी। S, U के बाईं ओर चौथे स्थान पर बैठी थी। S किसी एक कोने पर बैठी थी। X के बाईं ओर चौथे स्थान पर कौन बैठी थी?

A. R

B. V

C. Q

D. W ✓

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**Q14** General Intelligence and Reasoning HINDI - no English version saved

एक निश्चित कूट भाषा में, 'CREAM' को 'FUVEQ' और 'STOVE' को 'VWLZI' लिखा जाता है। उसी कूट भाषा में 'PITCH' को किस प्रकार लिखा जाएगा?

A. SLXGL

B. TMGFK

C. SLGGL ✓

D. TGMKF

**Q15** General Intelligence and Reasoning HINDI - no English version saved

उस विकल्प का चयन कीजिए, जो पांचवीं संख्या से उसी प्रकार संबंधित है, जिस प्रकार दूसरी संख्या पहली संख्या से और चौथी संख्या तीसरी संख्या से संबंधित है।

(नोट: संक्रियाएं संख्याओं को उनके संघटक अंकों में विभक्त किए बिना, संपूर्ण संख्याओं पर की जानी चाहिए। उदाहरणार्थ - 13 पर की जाने वाली संक्रियाएं, जैसे - जोड़ना / घटाना / गुणा करना इत्यादि 13 पर ही की जानी चाहिए। 13 को 1 और 3 में विभक्त करने, और फिर 1 और 3 पर गणितीय संक्रियाएं करने की अनुमति नहीं है।)

3 : 30 :: 4 : 68 :: 5 : ?

A. 140

B. 125

C. 130 ✓

D. 150

**Q16** General Intelligence and Reasoning

Study the given letter series and answer the question that follows.

L E A P K X O Z M T Y W U D Q F H

Which set of 3 letters will fall exactly in the middle of the series if the letters are arranged in alphabetical order?

A. LMO

B. MOP ✓

C. OPQ

D. PQT

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**Q17** General Intelligence and Reasoning HINDI - no English version saved

यदि 1 अप्रैल 2017 को शनिवार था, तो 12 मई 2017 को सप्ताह का कौन सा दिन था?

A. सोमवार

B. रविवार

C. शुक्रवार ✓

D. शनिवार

**Q18** General Intelligence and Reasoning HINDI - no English version saved

यदि A, B, C, D और E क्रमशः +,−,×,÷ और = को निरूपित करते हैं, तो निम्नलिखित कथनों में से कौन सा सही है?

A. 7A3C6D2E30A14

B. 7A3C6D2B30E14

C. 7A3C6D2C30B14

D. 7A3C6D2E30B14 ✓

**Q19** General Intelligence and Reasoning HINDI - no English version saved

कुछ विद्यार्थी एक पंक्ति में खड़े हैं। सोनिया और सुजाता के बीच केवल राधिका खड़ी है। दिव्या, सोनिया के ठीक आगे खड़ी है। सुजाता के पीछे ठीक दो लड़कियां खड़ी हैं, और दिव्या के ठीक आगे केवल एक लड़की खड़ी है। पंक्ति में कितने विद्यार्थी खड़े हैं?

A. 5

B. 6

C. 7 ✓

D. 8

**Q20** General Intelligence and Reasoning HINDI - no English version saved

नरेंद्र, बिंदु L से चलना शुरू करके, उत्तर की ओर 100 m चलता है। वहां से, वह दाएं मुड़ता है, और 900 m चलता है। वह पुनः दाएं मुड़ता है, और 750 m चलता है। फिर, वह दाएं मुड़ता है, और 900 m चलकर बिंदु M पर पहुंचता है। बिंदु M, बिंदु L से कितनी दूर और किस दिशा में है? (सभी मोड़ केवल 90° डिग्री वाले मोड़ हैं।)

A. 700 m, दक्षिण

B. 700 m, उत्तर

C. 650 m, दक्षिण ✓

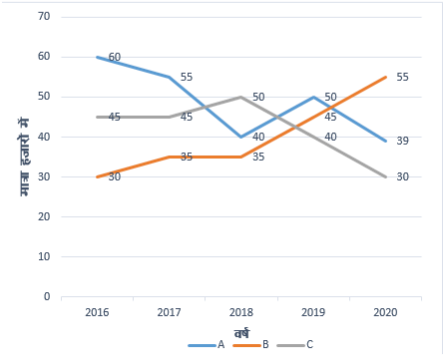
D. 650 m, उत्तर

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**Q21** General Intelligence and Reasoning HINDI - no English version saved

निम्नांकित लाइन ग्राफ कुछ वर्षों के दौरान तीन अलग-अलग कंपनियों, अर्थात् A, B, C द्वारा किए गए लैपटॉप के उत्पादन को दर्शाता है। लाइन ग्राफ का अध्ययन कीजिए, और पूछे गए प्रश्न का उत्तर दीजिए।




किस वर्ष के दौरान कंपनी A के उत्पादन के सापेक्ष, कंपनी C के उत्पादन का प्रतिशत न्यूनतम था?

A. 2012

B. 2014

C. 2016 ✓

D. 2017

**Q22** General Intelligence and Reasoning HINDI - no English version saved

नीतू अपनी कक्षा से बाहर निकलती है, और पूर्व की ओर 25 m चलती है। वहां से, वह दाएं मुड़ती है, और 20 m चलती है। वह पुनः दाएं मुड़ती है, और 62 m चलती है। फिर, वह दाएं मुड़ती है, और 91 m चलती है। इसके बाद, वह पुनः दाएं मुड़ती है, और 62 m चलती है। फिर, वह दाएं मुड़ती है, और 35 m चलती है। वहां से पुनः दाएं मुड़ती है, और 25 m चलती है। अंततः, वह पुनः दाएं मुड़ती है, और 15 m चलकर बिंदु X पर पहुंचती है। बिंदु X, नीतू की कक्षा से कितनी दूर और किस दिशा में है? (सभी मोड़ केवल 90° डिग्री वाले मोड़ हैं।)

A. 55 m, दक्षिण

B. 55 m, उत्तर

C. 51 m, दक्षिण

D. 51 m, उत्तर ✓

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**Q23** General Intelligence and Reasoning HINDI - no English version saved

K, L, M, N, O और P एक ही इमारत की छह अलग-अलग मंजिलों पर रहते हैं। इमारत की सबसे निचली मंजिल का क्रमांक 1 है, उसके ऊपर वाली मंजिल का क्रमांक 2 है, और इसी तरह सबसे ऊपरी मंजिल का क्रमांक 6 है।

L मंजिल क्रमांक 5 पर नहीं रहता है। O और P सम क्रमांक वाली मंजिलों पर रहते हैं, लेकिन मंजिल क्रमांक 6 पर नहीं रहते हैं। N, मंजिल क्रमांक 3 पर रहता है। K, L के ठीक नीचे वाली मंजिल पर रहता है। O, M के ठीक ऊपर वाली मंजिल पर रहता है, लेकिन मंजिल क्रमांक 4 पर नहीं रहता है। मंजिल क्रमांक 5 पर कौन रहता है?

A. N

B. P

C. K ✓

D. O

**Q24** General Intelligence and Reasoning HINDI - no English version saved

दी गई तालिका विभिन्न विषयों में AS-लेवल कक्षा के 5 छात्रों द्वारा प्राप्त अंकों को दर्शाती है। तालिका का अध्ययन कीजिए, और पूछे गए प्रश्न का उत्तर दीजिए।

| विषय / छात्र | रसायन विज्ञान | भौतिकी | गणित | जीव विज्ञान | लेखांकन | कंप्यूटर विज्ञान |
|---|---|---|---|---|---|---|
| | 100 में से | 100 में से | 100 में से | 100 में से | 100 में से | 100 में से |
| जितेंद्र | 70 | 80 | 85 | 80 | 60 | 50 |
| लुडोविको | 60 | 75 | 80 | 75 | 72 | 80 |
| मोहन | 85 | 90 | 80 | 90 | 80 | 85 |
| अहमत | 55 | 60 | 50 | 60 | 50 | 55 |
| पुनीत | 80 | 60 | 70 | 75 | 80 | 60 |

पुनीत द्वारा सभी विषयों में प्राप्त कुल अंको का माध्य प्रतिशत कितना है?

A. 65%

B. 70.8% ✓

C. 78.5%

D. 73.8%

**Q25** General Intelligence and Reasoning HINDI - no English version saved

PACKED शब्द में प्रत्येक स्वर को अंग्रेजी वर्णमाला क्रम में उसके अगले अक्षर से बदल दिया जाता है, और प्रत्येक व्यंजन को अंग्रेजी वर्णमाला क्रम में उसके पूर्ववर्ती अक्षर से बदल दिया जाता है। इस प्रकार बने अक्षर समूह में इनमें से कौन सा अक्षर दो बार आएगा?

A. C

B. B ✓

C. F

D. J

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**Q26** General Intelligence and Reasoning

If each of the digits in the number 684912753 is arranged in ascending order from left to right, the position of how many digits will remain unchanged as compared to that in the original number?

A. 1 ✓

B. 2

C. 3

D. 4

**Q27** General Intelligence and Reasoning

In a code language, 'we prefer green' is written as 'yo ha ni', 'green peas grow' is written as 'ki mi yo', and 'we grow herbs' is written as 'zu ha mi'. What is the code for the word 'prefer' in that language?

A. ni ✓

B. yo

C. mi

D. ha

**Q28** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All fingers are thumbs.

Some thumbs are trees.

Some angles are trees.

**Conclusions:**

I. Some angles are thumbs.

II. Some trees are fingers.

A. Only conclusion I follows

B. Only conclusion II follows

C. Either conclusion I or II follows

D. Neither conclusion I nor II follows ✓

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**Q29** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

Statements:

All hats are caps

All caps are gloves

Some hats are goggles

Conclusions:

(I) Some goggles are caps

(II) Some gloves are goggles

(III) No goggle is a glove

A. Only conclusions I and II follow ✓

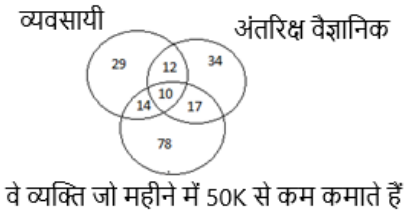
B. Only conclusions II and III follow

C. Only conclusion I and III follows

D. None of the conclusions follow

**Q30** General Intelligence and Reasoning HINDI - no English version saved

दिए गए आरेख का ध्यानपूर्वक अध्ययन कीजिए, और पूछे गए प्रश्न का उत्तर दीजिए। विभिन्न भागों में दी गई संख्याएं व्यक्तियों की संख्या को दर्शाती हैं।




ऐसे कितने अंतरिक्ष वैज्ञानिक हैं जो महीने में 50K के बराबर या उससे अधिक कमाते हैं?

A. 46 ✓

B. 12

C. 34

D. 27

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**Q1** General Intelligence and Reasoning

The given table shows the number of candidates who appeared for the interview and the number of candidates who got selected for the post of Assistant Professor in XYZ university, from different states over the years. Study the table and answer the question.

| Year / State | 2020 | | 2021 | | 2022 | |
|---|---|---|---|---|---|---|
| | Interviewed | Selected | Interviewed | Selected | Interviewed | Selected |
| A | 1200 | 800 | 1500 | 700 | 1800 | 1000 |
| B | 1500 | 600 | 1600 | 800 | 2000 | 1120 |
| C | 2000 | 680 | 2200 | 900 | 1800 | 1100 |
| D | 1600 | 700 | 1500 | 950 | 1800 | 1200 |
| E | 1500 | 490 | 1100 | 400 | 1300 | 800 |

In the year 2020, the total number of candidates who got selected from different states is approximately what percentage of the total number of candidates who appeared for the interview from different states in the same year?

A. 45.5%

B. 55%

C. 50%

D. 41.9% ✓

**Q2** General Intelligence and Reasoning

C, J, H, Q and W contested in an election and each of them got different number of votes. H got more votes than J but less than W. W got less votes than only one person. C got the least number of votes. Who among the following got the highest number of votes?

A. Q ✓

B. H

C. J

D. W

**Q3** General Intelligence and Reasoning

B, C, D, E, F and G are six team members who joined a team on different days of the same month, viz. 2nd, 4th, 5th, 8th, 10th and 11th of January.

C joined on one of the days before F, E and G. B joined immediately before F. D joined immediately before C. E joined on one of the days after B and before G. Who joined the team on 10th of January?

A. F

B. G

C. B

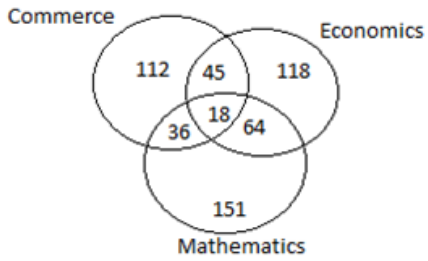
D. E ✓

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**Q4** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of students enrolled in different programmes in a university.




How many students are enrolled in both commerce and economics but NOT mathematics?

A. 18

B. 63

C. 45 ✓

D. 56

**Q5** General Intelligence and Reasoning

Seven teachers A, B, C, D, E, F and G are sitting in a straight row, facing north. Only one person sits to the left of G. Only E sits between C and F. A sits to the immediate right of D. F and D are immediate neighbours. Who sits at the extreme left end of the row?

A. A

B. B ✓

C. C

D. D

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**Q6** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

Statements:

Few envelopes are papers

All papers are pulps

All pulps are leaves

Conclusions:

(I) Some leaves are papers

(II) Some pulps are papers

(III) All papers are leaves

A. Only conclusion I follows

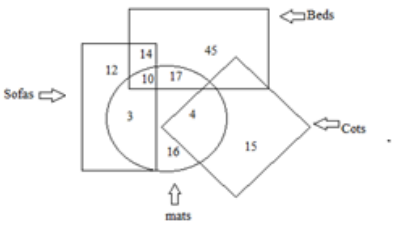
B. Only conclusion II follows

C. Only conclusion I and III follows

D. All conclusions I, II and III follow ✓

**Q7** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of units.




How many such sofas are there that are either beds or mats but not both?

A. 22

B. 12

C. 17 ✓

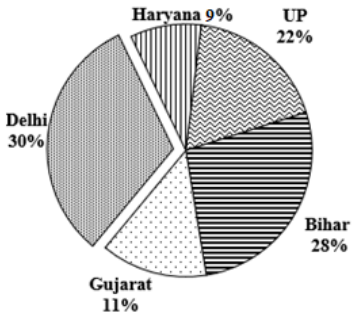
D. 10

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**Q8** General Intelligence and Reasoning

The given pie-chart shows the percentage distribution of the number of people from different provinces migrating to USA upon getting their Green Card. Study the pie-chart and answer the question.




What is the central angle of the sector corresponding to the number of people migrating from Delhi?

A. $32.4^\circ$

B. $100.8^\circ$

C. $40^\circ$

D. $108^\circ$ ✓

**Q9** General Intelligence and Reasoning

In this question, a group of letters is coded using numbers as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Letter/ Symbol | I | M | H | R | D | C | E | V |
|---|---|---|---|---|---|---|---|---|
| Code | 4 | 8 | 0 | 1 | 3 | 5 | 7 | 9 |

Conditions:

(i) If the first element is a vowel and the last, a consonant, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is a consonant and the last, an vowel, the first and last elements are to be coded as 2.

(iii) If the middle letter is a vowel, then it is to be coded as 6.

Question: DRIVE

A. 21492

B. 31679

C. 21692 ✓

D. 31967

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**Q10** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word 'CONFIRM' is arranged in alphabetical order?

A. None

B. One ✓

C. Two

D. Three

**Q11** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word COMPUTE is arranged in alphabetical order?

A. None

B. One

C. Two

D. Three ✓

**Q12** General Intelligence and Reasoning

Which of the following interchanges of signs would make the given equation correct?

$4 - 10 \div 8 + 3 \times 2 = 6$

A. $\times, +$

B. $\div, \times$

C. $\div, -$

D. $\times, -$ ✓

**Q13** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

65, 90, 107, 116, 121, ?

A. 122 ✓

B. 123

C. 124

D. 125

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**Q14** General Intelligence and Reasoning

Starting from point X, Aditya walked 30 m towards the south. He then took a left turn and walked 20 m. Then, he took a right turn and walked 10 m. He then took another right turn and walked 40 m. Finally, he took one last right turn and walked another 40 m to reach point Y. How far and in which direction is point X from point Y ? (All turns are 90 degree turns only)

A. 20 m, East ✓

B. 20 m, West

C. 40 m, East

D. 40 m, West

**Q15** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. Only P sits to the left of Q. Only three people sit between T and R. Only three people sit between Q and R. S sits to the immediate right of R. P sits at one of the extreme ends of the row. If no other person is sitting in the row, what is the total number of persons seated?

A. 7

B. 8

C. 9

D. 10 ✓

**Q16** General Intelligence and Reasoning

Jaya, from point A, walks 349 m towards the south. She takes a left turn and walks 129 m. She takes a left turn again and walks 349 m. She then takes a right turn and walks 94 m to reach point B. How far and in which direction is point A from point B? (All turns are 90 degree turns only)

A. 110 m, East

B. 203 m, East

C. 129 m, West

D. 223 m, West ✓

**Q17** General Intelligence and Reasoning

In a certain code language, 'SUPERIOR' is written as 'SNHSDQTT' and 'STUNNING' is written as 'HOHOOTUT'. How will 'STRATEGY' be written in that language?

A. TUSZUDHZ

B. ZHDUASUT

C. ZHDUZSUT ✓

D. ZHCUZSUT

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**Q18** General Intelligence and Reasoning

Based on the given statement, four conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $M \geq D \leq N < J < F = E$

A. $M > N$

B. $F < M$

C. $N < E$ ✓

D. $E = D$

**Q19** General Intelligence and Reasoning

How will quarter past 4 be indicated in the 24-hour format?

A. 14:45 hours

B. 14:15 hours

C. 16:15 hours ✓

D. 16:45 hours

**Q20** General Intelligence and Reasoning

A statement is given followed by two possible underlying assumptions I and II. Read all the information carefully and decide which of the given assumptions can be assumed by the given statement.

**Statement**:

"If we promote our play in all the local newspapers before the end of this week, we will sell more tickets for our play this weekend." — play director in City D.

**Assumptions:**

I. The newspaper companies in City D take less than a week to finalise advertisements and publish them.

II. Not many people in City D prefer watching plays.

A. Only I can be assumed ✓

B. Only II can be assumed

C. Both I and II can be assumed

D. Neither I nor II can be assumed

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**Q21** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

LUN : PXP

WXP : AAR

A. JUG : NYJ

B. TIN : XLQ

C. NOT : RQV

D. NIB : RLD ✓

**Q22** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(21, 225, 9)

(4, 25, 6)

A. (11, 18, 7)

B. (13, 81, 6)

C. (14, 64, 2) ✓

D. (15, 54, 3)

**Q23** General Intelligence and Reasoning

Six friends, G, H, I, J, K, and L have marriage anniversaries in different months of the same year viz. January, March, July, August, September and December but not necessarily in the same order.

H has an anniversary immediately after K. Only I has an anniversary before G. J has an anniversary in September. Who among them has an anniversary in December?

A. L ✓

B. H

C. G

D. K

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**Q24** General Intelligence and Reasoning

Refer to the following number series and answer the question.

5 3 6 8 2 6 3 2 8 0 3 8 5 6 7 2 5 0 9 6

How many such odd numbers are there each of which is immediately preceded by an odd number and immediately followed by an even number?

A. None

B. One ✓

C. Two

D. Three

**Q25** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete ?

T8, N16, H32, B64, V128, ?

A. Q256

B. P256 ✓

C. P228

D. P512

**Q26** General Intelligence and Reasoning

Which of the following interchanges of numbers would make the given equation correct?

$7 \times 10 \div 6 + 3 - 2 = 10$

A. 3, 7 ✓

B. 2, 6

C. 6, 10

D. 3, 6

**Q27** General Intelligence and Reasoning

Each of the digits in the number 26397145 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. None

B. 1 ✓

C. 2

D. 3

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**Q28** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

11, 20, 23, 44, 47, 92, 95, ?

A. 189

B. 198

C. 188 ✓

D. 199

**Q29** General Intelligence and Reasoning

Eight classmates J, K, L, M, N, O, P and Q were sitting around a circular table, facing the centre. They were equidistant to one another. N was sitting fourth to the left of L. P was sitting fourth to the left of J. O was sitting to the immediate right of N. K was sitting second to the left of P. Only J was sitting between L and M. Which classmate was sitting fourth to the left of M?

A. Only Q ✓

B. Only K

C. Only O

D. Either K or O

**Q30** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

13 : 234 :: 9 : 126 :: 7 : ?

A. 126

B. 98

C. 84 ✓

D. 106

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

The following question is based on the given seven, 3-digit numbers.

(Left) 621, 443, 227, 316, 625, 118, 231 (Right)

(For example, 456: 6 = digit in unit's place, 5 = digit in ten's place, 4 = digit in hundred's place)

NOTE - All operations to be done from left to right.

If 5 is added to the digit in ten's place of each number and 1 is subtracted from the digit in unit's place of each number, which digit will be repeated the greatest number of times in the transformed number series thus formed?

A. 4

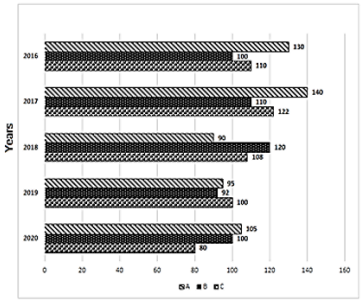
B. 6 ✓

C. 7

D. 2

**Q2** General Intelligence and Reasoning

The given bar graph shows the data of the number of students who were called for an interview by a company 'XYZ' from three different institutes A, B and C over the years. Study the bar graph and answer the question.




What is the ratio of the average number of students called for an interview from institute C in the period 2018 to 2020 to the average number of students called for an interview from institute B in the same period?

A. 14 : 15

B. 13 : 12

C. 12 : 13 ✓

D. 1 : 3

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**Q3** General Intelligence and Reasoning

If 28 March 2017 was a Tuesday, then what day of the week was 12 February 2017?

A. Sunday ✓

B. Thursday

C. Saturday

D. Friday

**Q4** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

*I _ L O _ R U V X _ B _ G*

A. JRAD

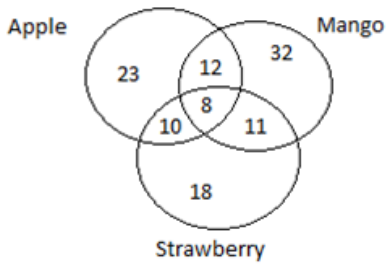
B. JPAD ✓

C. JPXD

D. JPAG

**Q5** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of different types of juices containing different fruit flavours which are manufactured by a juice company.




How many types of juices does the company make that contain both Apple and Strawberry flavours?

A. 41

B. 8

C. 10

D. 18 ✓

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**Q6** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

49 : 13 :: 56 : 11 :: 39 : ?

A. 14

B. 12 ✓

C. 15

D. 16

**Q7** General Intelligence and Reasoning

Which of the following interchanges of numbers would make the given equation correct?

$25 \div 5 \times 2 + 25 - 11 = 24$

A. 24, 25

B. 5, 25

C. 11, 24 ✓

D. 2, 5

**Q8** General Intelligence and Reasoning

If 'A' means (×), 'B' means (+), 'C' means (−), and 'D' means (÷), then what will be the value of the following expression?

(102 D 17) B (5 A 3)

A. 17

B. 20

C. 21 ✓

D. 25

**Q9** General Intelligence and Reasoning

Which of the following interchanges of signs would make the given equation correct?

$3 - 6 \div 9 + 6 \times 2 = 6$

A. + and ×

B. ÷ and +

C. − and × ✓

D. ÷ and ×

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**Q10** General Intelligence and Reasoning

Six houses, K, L, M, N, O and P, are located in the same colony. P is 400 m to the west of K. M is 200 m to the east of L. O is 300 m to the north of K. N is 150 m to the south of L. L is 250 m to the south of K. What is the straight distance between O and N?

A. 600 m

B. 700 m ✓

C. 350 m

D. 400 m

**Q11** General Intelligence and Reasoning

Study the given letter series and answer the question that follows.

L E A P K X O Z A E Y W U D O A D S L Y R K E V U L

How many consonants are immediately preceded and immediately followed by a vowel, and which consonant is repeated the most number of times in the series?

A. 3, D respectively

B. 2, K respectively

C. 3, L respectively ✓

D. 2, Y respectively

**Q12** General Intelligence and Reasoning

GMT 3 is related to IPY 30 in a certain way. In the same way, EXP 5 is related to GAU 130. To which of the following is TXN 4 related following the same logic?

A. VAU 68

B. VAT 70

C. VAS 68 ✓

D. VAT 68

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**Q13** General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

Use of re-usable cloth bags for shopping will help in reducing pollution caused by indiscriminate use of plastic bags.

**Arguments:**

I. The government has banned the use of single-use plastic from 1 July 2022.

II. Cloth bags are eco-friendly since they are re-usable and can be made from scrap fabric that would otherwise go to landfills.

A. Argument I weakens, while argument II strengthens the statement

B. Argument II weakens, while argument I strengthens the statement

C. Both arguments I and II weaken the statement

D. Both arguments I and II strengthen the statement ✓

**Q14** General Intelligence and Reasoning

A, B, C, D, E, F and G were seven kings, sitting around a circular table, facing the centre. They were equidistant to one another. Only E was sitting between F and C. A was third to the left of G. Only D was sitting between A and B. G was sitting to the immediate left of C. Which king was sitting to the immediate left of G?

A. A

B. B ✓

C. D

D. F

**Q15** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) W # 2 ∞ D @ 4 Y 3 D Ω R 7 & S F @ 6 ^ < X 2 2 (Right)

How many such symbols are there each of which is immediately preceded by a letter and immediately followed by a number?

A. 1

B. 2

C. 3 ✓

D. 4

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**Q16** General Intelligence and Reasoning

Eight classmates D, E, F, G, H, I, J and K are sitting in a straight row, facing north. J is at the extreme right end of the row. D and I are immediate neighbours. There are only two classmates sitting between H and D. Only E sits between I and G. K sits to the immediate left of D. Who sits at the second position from the left end of the row?

A. D

B. K

C. F ✓

D. H

**Q17** General Intelligence and Reasoning

In this question, a group of letters is coded using numbers as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Letter | B | L | M | H | Y | O | C | E | N |
|---|---|---|---|---|---|---|---|---|---|
| Code | 4 | 6 | 8 | 0 | 1 | 3 | 5 | 7 | 9 |

Conditions:

(i) If the first element is a vowel and the last, a consonant, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is a consonant and the last, a vowel, the first and last elements are to be coded as 2.

(iii) If both the second and the fourth elements are vowels, the fourth element is to be coded as the code for the third element and vice-versa.

Question: LEMON

A. 97836

B. 67839

C. 23872

D. 63879 ✓

**Q18** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

3, 4, 10, 33, 136, ?

A. 684

B. 685 ✓

C. 688

D. 700

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**Q19** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $C = U < F \leq H > G = I > R$

Conclusions:

I. $H > R$

II. $H > C$

A. Only conclusion I is true

B. Only conclusion II is true

C. Neither conclusion I nor II is true

D. Both conclusions I and II are true ✓

**Q20** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

12, 14, 20, 34, 60, ?

A. 100

B. 104

C. 102 ✓

D. 108

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**Q21** General Intelligence and Reasoning

In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$B > Y \leq Z = A < X > O$

**Conclusions:**

1. $B > X$
2. $Y < O$
3. $Y < X$
4. $A > O$

A. 1

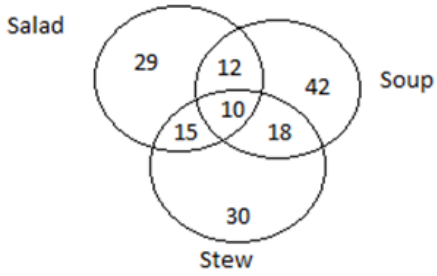
B. 2

C. 3 ✓

D. 4

**Q22** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons in a company with preference for different foods for lunch.




How many people prefer salads but NOT stew?

A. 41 ✓

B. 29

C. 51

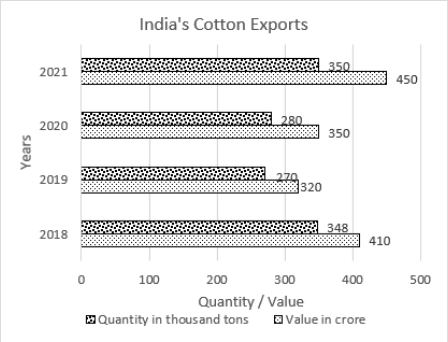
D. 39

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**Q23** General Intelligence and Reasoning

The given bar graph shows the data of cotton exports in India from years 2018 to 2021. Study the given bar graph and answer the question.




In which year was the value per thousand tons the minimum?

A. 2018 ✓

B. 2019

C. 2020

D. 2021

**Q24** General Intelligence and Reasoning

P, Q, R, S, T and U are six siblings who passed their class tenth exam in different years viz. 2001, 2003, 2005, 2007, 2010 and 2012 but not necessarily in the same order.

P passed in one of the years before S and after R. Only Q passed before R. T passed in the year immediately after S. U passed in one of the years before P. Who passed their class tenth exam in the year 2007?

A. P ✓

B. S

C. U

D. T

**Q25** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. P sits to the immediate left of Q. P sits second to the right of L. Z sits at one of the extreme ends of the row. Only one person sits to the right of S. K sits to the immediate right of D. L sits second to the right of D. Only two people sit between D and Z. Only one person sits between Q and S. If no other person is sitting in the row, what is the total number of persons seated?

A. 12 ✓

B. 13

C. 14

D. 15

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**Q26** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

5 : 13 :: 9 : 69 :: 13 : ?

A. 175

B. 157 ✓

C. 147

D. 174

**Q27** General Intelligence and Reasoning

To reach house B from house A, a person has to walk 30 m towards the south. Then he must take a left turn and walk 15 m. Then he must take a left turn again and walk 20 m. Again, he must take a left turn and walk 25 m. Then he must take a right turn and walk 10 m. Then he must take a left turn and walk 17 m to finally reach house B. How far and in which direction is house A from house B? (All turns are 90 degree turns only)

A. 17 m, East

B. 17 m, West

C. 27 m, East ✓

D. 27 m, West

**Q28** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons who eat a particular food for dinner every day.




How many people eat potatoes and eggs for dinner but NOT chickens?

A. 15

B. 36

C. 21 ✓

D. 81

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**Q29** General Intelligence and Reasoning

In this question, a group of letters is coded using numbers as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Letter/ Symbol | Y | T | V | R | I | G | E | A |
|---|---|---|---|---|---|---|---|---|
| Code | 4 | 6 | 8 | 0 | 3 | 5 | 7 | 9 |

Conditions:

(i) If the first element is a vowel and the last, a consonant, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is a consonant and the last, a vowel, the first and last elements are to be coded as 2.

(iii) If both the third and the fifth elements are vowels, the fifth element is to be coded as the code for the third element and vice-versa.

Question: GRAVITY

A. 5038964 ✓

B. 5603984

C. 5098364

D. 5309846

**Q30** General Intelligence and Reasoning

Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. S's exam is immediately before R. Only three people have exams between U and Q. Q's exam is immediately before S. Only two people have exams between S and V. P's exam is on Tuesday. R's exam is on Sunday. Who among the following has exam on Monday?

A. V

B. T

C. U ✓

D. Q

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**General Intelligence and Reasoning** 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

In a class of students, Radhika is $18^{th}$ from the top and $32^{nd}$ from the bottom. What is the total number of students in the class?

A. 50

B. 49 ✓

C. 51

D. 52

**Q2** General Intelligence and Reasoning

If 1 is subtracted from each odd digit and 2 is added to each even digit in the number 9345712, what will be difference between the largest and smallest digits thus formed?

A. 8 ✓

B. 6

C. 2

D. 4

**Q3** General Intelligence and Reasoning

This question is based on the following 3-letter words.

(left) ROW MAD LAY CAT (right)

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

A. None

B. Two ✓

C. Three

D. One

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**Q4** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(13, 182, 91)

(17, 306, 153)

A. 15, 200, 125

B. 9, 125, 50

C. 8, 72, 36 ✓

D. 11, 154, 67

**Q5** General Intelligence and Reasoning HINDI - no English version saved

एक कथन और उसके बाद दो धारणाएं I और II दी गई हैं। आपको कथन में दी गई संपूर्ण जानकारी को सत्य मानते हुए, यह तय करना है दी गई धारणाओं में से कौन-सी कथन में निहित हैं?

**कथन:**

अधिक चॉकलेट खाने से दांत खराब हो सकते हैं।

**धारणाएं:**

I. चॉकलेट में चीनी की मात्रा अधिक होती है जिसके परिणामस्वरूप बैक्टीरिया लग सकते हैं।

II. दिन में दो बार ब्रश करने से दांत मजबूत रहते हैं।

A. केवल धारणा I निहित है ✓

B. केवल धारणा II निहित है

C. न तो धारणा I और न ही II निहित है

D. I और II दोनों धारणाएं निहित हैं

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**Q6** General Intelligence and Reasoning

In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$B \leq T = N > O = Q \geq M = R$

**Conclusions:**

1. $N \geq B$
2. $N < B$
3. $O < R$
4. $T < M$

A. 1 ✓

B. 2

C. 3

D. 4

**Q7** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

360, ?, 180, 60, 15, 3

A. 240

B. 180

C. 360 ✓

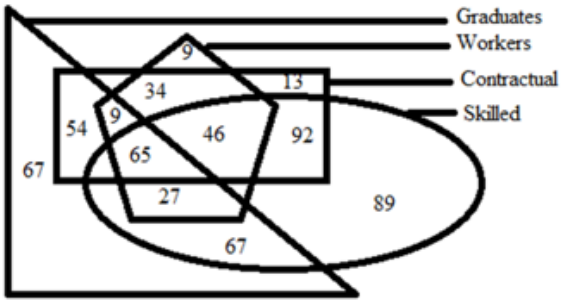
D. 270

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**Q8** General Intelligence and Reasoning

Study the Venn diagram presented below and answer the question that follows.




How many graduated skilled workers are NOT contractual?

A. 27 ✓

B. 65

C. 46

D. 9

**Q9** General Intelligence and Reasoning

Madan and Mohan are standing in a row of people. Madan is standing at the $16^{th}$ position from the left side of the row and Mohan is standing at the $19^{th}$ position from the right side of the row. If both of them interchange their positions Madan becomes $28^{th}$ from the left. How many people are standing in the row?

A. 46 ✓

B. 47

C. 35

D. 43

**Q10** General Intelligence and Reasoning

If P denotes '×', T denotes ' -', M denotes '+' and B denotes '÷', what will come in place of the question mark (?) in the following equation?

54 B 9 P 11 T 13 M 17 = ?

A. 78

B. 74

C. 73

D. 70 ✓

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**Q11** General Intelligence and Reasoning

Mr. Amardeep started his drive from his office and drove for 8 km towards the south. Then he took a left turn and drove for 15 km to reach city centre. Then he turned 90° in the anti-clockwise direction and drove for 8 km to reach the city palace. From the city palace, he took a left turn and drove for 8 km to reach his home. In which direction is Amardeep's office from the city centre and his home, respectively? (All turns are 90 degree turns only)

A. North-east and east

B. North-west and west ✓

C. South-east and north

D. South-west and west

**Q12** General Intelligence and Reasoning

In a certain code language, 'RECOVERY' is written as 'YRFVPCFR' and 'REQUIRED' is written as 'DFRJVQFR'. How will 'RIGOROUS' be written in that language?

A. RJGPRPVS

B. SVPRPGJR ✓

C. SVRPPHJR

D. SVPPRJGR

**Q13** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

ASD: EWH
FGH: JKL

A. NSP: ORQ

B. JKL: NOP ✓

C. CBH: GFM

D. GYU: JCY

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**Q14** General Intelligence and Reasoning

Which of the following interchanges of numbers would make the given equation correct?

$6 \times 40 \div 8 + 2 - 5 = 11$

A. 8, 40

B. 2, 6 ✓

C. 5, 6

D. 2, 5

**Q15** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. Some glasses are windows.
2. Some windows are white.
3. All white are brittle.

Conclusions

I. Some white are glasses.

II. Some brittle are glasses.

III. Some brittle are windows.

A. Only conclusion I is true

B. Only conclusion II is true

C. Only conclusion III is true ✓

D. Only I and II are true

**Q16** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

AJM72, DMP81, GPS90, JSV99,?

A. MYV108

B. MVJ105

C. MVY108 ✓

D. MSV105

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**Q17** General Intelligence and Reasoning

Seven boxes P, Q, R, S, T, U and V are kept one over the other but not necessarily in the same order. S is kept third from the bottom. Only V is kept between P and S. Only three boxes are kept between T and V. T is kept immediately below U. Q is kept immediately above S. R is kept third from the top. How many boxes are kept between U and S?

A. One

B. Two

C. Three ✓

D. Four

**Q18** General Intelligence and Reasoning

The following table shows the marks scored by A, B, C and D in four subjects i.e., Mathematics, Hindi, English and Science. Marks given are out of 100. Study the table and answer the question.

| Subject / Student ↓ → | A | B | C | D |
|---|---|---|---|---|
| Mathematics | 90 | 85 | 83 | 78 |
| Hindi | 86 | 80 | 74 | 82 |
| English | 75 | 73 | 70 | 76 |
| Science | 92 | 88 | 64 | 68 |

What is the ratio of 'the sum of the marks scored by A in Mathematics and B in Hindi' to 'the sum of the marks scored by C in Science and D in English'?

A. 14 : 13

B. 2 : 3

C. 12 : 7

D. 17 : 14 ✓

**Q19** General Intelligence and Reasoning

Study the following number arrangement and answer the question given below. All numbers given below are 2 digit numbers.

13 56 46 23 16 34 25 19 78 85 86 24 29 73 94 52 64 63

What will be the difference between the sum of the first half and second half of the above series?

A. 290

B. 260 ✓

C. 310

D. 315

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**Q20** General Intelligence and Reasoning

Susheela started her morning walk and noted that her shadow is at her back. After some time she turned left and then again turned right. Finally she turned right and started running. In which direction was she running? (All turns are 90 degree turns only)

A. East

B. West

C. North

D. South ✓

**Q21** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

8 : 19 :: 5 : 13 :: 7 : ?

A. 19

B. 17 ✓

C. 15

D. 21

**Q22** General Intelligence and Reasoning

Seven persons N, O, P, Q, R, S, and T are sitting in a row facing North. Only three persons are sitting between P and T. N is sitting at one end. P is sitting somewhere to the left of N. O is to the immediate right of P and immediate left of R. Exactly two people are sitting to the right of T who is sitting to the immediate right of Q. Who is sitting in the middle?

A. T

B. S

C. Q ✓

D. O

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**Q23** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $Q > A \geq Z > X < R \leq H < M$

A. $Q > M > H$

B. $Q > X > A$

C. $Z > X \geq M$

D. $M > R > X$ ✓

**Q24** General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the middle of the sides. D sits third to the left of F. D sits at one of the corners. C sits second to the right of A. A does not sit at any of the corners. A is not an immediate neighbour of D. G is an immediate neighbour of E. G does not sit at any of the middle of the sides. Only three people sit between G and B.
Who sits second to the right of H?

A. B ✓

B. E

C. G

D. C

**Q25** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

I. All grounds are plane.

II. Some planes are covered.

III. All covered are wets.

**Conclusions:**

I. Some wets are plane.

II. Some wets are grounds.

III. Some planes are grounds.

A. Conclusions I and II follow

B. Conclusions I and III follow ✓

C. Conclusions II and III follow

D. Conclusions I, II and III follow

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**Q26** General Intelligence and Reasoning

If each vowel in the word DUSTER is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order, how many letters will appear twice in the group of letters thus formed?

A. zero ✓

B. One

C. Two

D. Three

**Q27** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) K & ^ 5 T & B 4 @ 3 # 1 A 3 P H 9 L % 9 2 (Right)

If all letters are dropped from the series, which of the following will be fifth from the left?

A. &

B. 3

C. 4 ✓

D. #

**Q28** General Intelligence and Reasoning

In a certain code language, 'AFPQV' is written as 'CITVB' and 'DLNPG' is written as 'FORUM'. How will 'LNAGK' be written in that language?

A. NQELQ ✓

B. NQEQL

C. QNEPK

D. NQQLQ

**Q29** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

1, 0, 2, 1, 3, 2, 4, 5, 5, 26, ?, 677

A. 52

B. 47

C. 26

D. 6 ✓

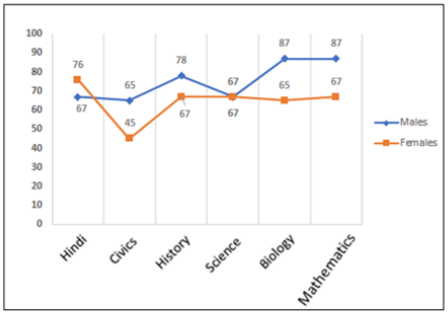
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## Q30 General Intelligence and Reasoning

Study the given graph and answer the question that follows.

The graph presents total number of students who opted for different subjects in a college.




What is the difference between the total number of students who have opted for 'Biology and Mathematics' & total number of students who have opted for 'Civics and History'?

A. 49

B. 50

C. 51 ✓

D. 52

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

HARKED is related to RAHDEK in a certain way. In the same way, RACIAL is related to CARLAI. To which of the following is NIMBLE related, following the same logic?

A. NIMELB

B. MINELB ✓

C. NIMLEB

D. MINLEB

**Q2** General Intelligence and Reasoning

In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$H \geq Y < T \leq L = X > W$

**Conclusions:**

1. $H > T$
2. $H < T$
3. $Y < X$
4. $L = W$

A. 1

B. 2

C. 3 ✓

D. 4

**Q3** General Intelligence and Reasoning

Six girls, P, Q, R, S, T and V, are sitting in a circle, facing the centre of the circle. P sits to the immediate right of Q. S is 3rd to the right of P, and to the immediate left of R. V and T are immediate neighbours. T is second to the left of R. Who is to the immediate left of V?

A. Q

B. P ✓

C. T

D. S

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**Q4** General Intelligence and Reasoning

From the given numbers 452, 243, 361, 579 and 674, if in each number, the first and the second digits of each number are interchanged, than which of the following will be the highest number?

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

A. 452

B. 361

C. 579

D. 674 ✓

**Q5** General Intelligence and Reasoning

Five persons, P, Q, R, S and T travelled in different months of the same year viz. January, February, March, April and May.

R travelled in February. Only one person travelled between R and S. Only three people travelled between Q and T. T travelled in a month after S. Who among them travelled in May?

A. Q

B. S

C. T ✓

D. P

**Q6** General Intelligence and Reasoning

Select the combination of letters that when placed from left to right in the same sequence in the blanks of the given series will complete the series.

XY_YZ_ _XYY_ _ABXY_ _ZAB_ _YYZA_

A. YABYZYYXYY

B. XABYZYYXYB

C. YABYZYYXYB ✓

D. YZBYZYYXYB

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**Q7** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

99, 101, 104, 109, 116, ?

A. 132

B. 128

C. 124

D. 127 ✓

**Q8** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

Statements:

All bins are plastics

Some plastics are nylon

Some nylons are green

Conclusions:

(I) Some nylons are plastics

(II) All plastics are bins

(III) Some greens are nylons

A. Only conclusion I follows

B. Only conclusion II follows

C. Only conclusions I and III follow ✓

D. None of the conclusions follow

**Q9** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

J F V I E J E M V E F O J V E J J V M E X

How many such consonants are there each of which is immediately preceded by a vowel and also immediately followed by a vowel?

A. One

B. Two ✓

C. Three

D. Four

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**Q10** General Intelligence and Reasoning

Pole F is to the north of pole B and west of pole E. Pole R is to the east of pole E and north of pole U. What is the position of pole R with respect to pole B?

A. North

B. North-east ✓

C. South

D. South-east

**Q11** General Intelligence and Reasoning

All 50 students of a class are standing in a straight row facing north. Rakesh is $17^{th}$ from the right end, while Kamlesh is $22^{nd}$ from the left end. How many students are standing between Rakesh and Kamlesh?

A. 11 ✓

B. 5

C. 16

D. 8

**Q12** General Intelligence and Reasoning

In a code language, BRAIN is coded as YIZRM and COACH is coded as XLZXS. What is the code for ENTRY in that language?

A. UMFIB

B. VNFIB

C. VMGIB ✓

D. UNGIB

**Q13** General Intelligence and Reasoning

Which of the following interchanges of numbers would make the given equation correct?

$5 \times 15 \div 5 + 22 - 18 = 25$

A. 22, 18

B. 5, 15

C. 22, 25 ✓

D. 5, 25

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**Q14** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

13 : 31 :: 15 : 33 :: 20 : ?

A. 40

B. 36

C. 32

D. 38 ✓

**Q15** General Intelligence and Reasoning

Given below is a decision followed by two statements I and II. Read the information carefully and select the correct option.

**Decision:**

The state government has decided to start free education programs for all uneducated females living in villages in order to provide them with basic education.

**Statements:**

I. Similar programs in other states had resulted in 63% more employed women in just 2 years.

II. Some of the women in the said state, currently have children below 5 years of age, due to which they do not have much free time.

A. Both statements I and II strengthen the decision.

B. Statement I strengthens the decision but statement II is neutral. ✓

C. Both statements I and II weaken the decision.

D. Statement I is neutral but statement II weakens the decision.

**Q16** General Intelligence and Reasoning

Seven boxes A, B, C, D, E, F and G are kept one above the other, not necessarily in the same order. Box E is the topmost box. Box G is the third box above box A. Box F is immediately above box G. Box B is immediately below box C. There is only one box between box B and box D.

How many boxes are there between D and G?

A. One

B. Two

C. Three ✓

D. Four

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**Q17** General Intelligence and Reasoning

While returning home from school Rana misdirected from his way. From school he first walked for 3 km towards the south and then turned left and walked for 2 km. From there, he turned towards the left and further walked for 3 km. Finally he again turned to his left and walked for 1 km to reach his home. In which direction is his home from school? (All turns are 90 degree turns only)

A. East ✓

B. West

C. North

D. South

**Q18** General Intelligence and Reasoning

Study the following arrangement and answer the question given below. All numbers given below are 2 digit numbers.

85 34 @ 36 # 56 67 * 79 $ 42 48 % 32 81 Ø 57 38 ^ 73 / 51

What will be the sum of those odd numbers which are followed by symbols and even numbers which are preceded by symbols?

A. 548

B. 523

C. 498

D. 466 ✓

**Q19** General Intelligence and Reasoning

How many such pairs of letters are there in the word FRANCK (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. None

B. One

C. Two ✓

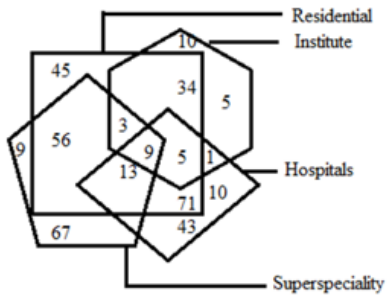
D. Three

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**Q20** General Intelligence and Reasoning

Study the given Venn diagram and answer the question that follows.




How many residential super-specialty hospitals are institutes?

A. 3

B. 13

C. 5

D. 9 ✓

**Q21** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$14.96 + 10.96 + 13.16 - 12.89 \times 2.04 + 24.93 \div 5.1 = ?$

A. 20

B. 16

C. 18 ✓

D. 22

**Q22** General Intelligence and Reasoning

There are eight persons P, Q, R, S, T, U, V and W, sitting around a rectangular table in such a way that four of them sit at four corners of the table while the other four sit in the middle of each of the four sides. All the eight persons face toward the centre. T sits third to the right of V, but T is not the immediate neighbour of U. R sits second to the right of Q. S sits second to the right of U. P sits third to the right Q. Who among the following is sitting $4^{th}$ to the right of P?

A. R

B. W

C. U

D. S ✓

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**Q23** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

2 : 10 :: 3 : 30 :: 4 : ?

A. 70

B. 58

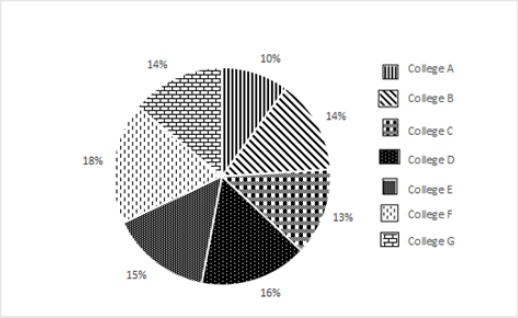
C. 72

D. 68 ✓

**Q24** General Intelligence and Reasoning

Study the given pie-chart and answer the question that follows.

The pie-chart presents the percentage of law students enrolled in different colleges of Agra district.




If the total number of law students in the district is 23786, how many students are studying in colleges A, D and G taken together? (approximately)

A. 9520

B. 10701

C. 9514 ✓

D. 7134

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**Q25** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $X > E \geq U < W = T > J < L$

Conclusions:

I. $T < E$

II. $X < U$

A. Only conclusion I is true

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true ✓

**Q26** General Intelligence and Reasoning

The following table shows the marks scored by A, B, C and D in four subjects i.e., Mathematics, Hindi, English and Science. Marks given are out of 100. Study the table and answer the question.

| Subject / Student ↓ → | A | B | C | D |
|---|---|---|---|---|
| Mathematics | 94 | 85 | 83 | 78 |
| Hindi | 86 | 78 | 74 | 82 |
| English | 75 | 73 | 70 | 74 |
| Science | 92 | 88 | 66 | 68 |

What is the ratio of 'the sum of the marks scored by A in Mathematics and Hindi' to 'the sum of the marks scored by C in Science and Hindi'?

A. 1 : 2

B. 8 : 9

C. 5 : 3

D. 9 : 7 ✓

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**Q27** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 534 945 317 354 781 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

If all the numbers are arranged in ascending order, the position of how many numbers will remain unchanged?

A. 0 ✓

B. 1

C. 2

D. 3

**Q28** General Intelligence and Reasoning

In a certain code language, 'ENTER' is written as 'UBWKH' and 'SHIFT' is written as 'WCLEV'. How will 'TOUCH' be written in that language?

A. WXLKZ

B. KZXLW ✓

C. WLXZK

D. KFXRW

**Q29** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

1. All envelopes are letters.
2. No letter is a paper.
3. Some papers are notebook.

**Conclusions:**

I. Some papers are envelopes.
II. All notebooks can never be letters.
III. Some notebooks are envelopes.

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Only conclusion III follows

D. None of the conclusions follow

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**Q30** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

4, 21, 47, 100, 198, ?

A. 395

B. 359 ✓

C. 355

D. 399

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

1, 2, 11, 36, 85, ?, 287

A. 90

B. 166 ✓

C. 184

D. 168

**Q2** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 429 847 922 213 757 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

If all the numbers are arranged in descending order, the position of how many numbers will remain unchanged?

A. 0

B. 1 ✓

C. 2

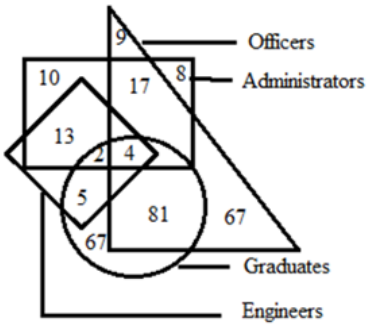
D. 3

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**Q3** General Intelligence and Reasoning

Study the Venn diagram given below and answer the question that follows.




How many non-graduate officers are neither administrators nor engineers?

A. 67

B. 76 ✓

C. 9

D. 8

**Q4** General Intelligence and Reasoning

A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

**Statement:**

Increase in the tax rates will hurt the pockets of the salaried middle class.

**Assumptions:**

I. Increase in the prices of goods will hurt the poor too.

II. The middle class will reduce their extra expenditure to save money.

A. Only assumption I is implicit

B. Only assumption II is implicit ✓

C. Neither assumption I nor II is implicit

D. Both assumptions I and II are implicit

**Q5** General Intelligence and Reasoning

Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north. Only three people sit between F and E. Only two people sit to the left of F. D is not an immediate neighbour of E. D sits second to the right of A. G sits to the immediate right of B. Who sits at the extreme left end of the row?

A. A

B. C ✓

C. B

D. D

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**Q6** General Intelligence and Reasoning

Raghav starts from Point A and drives 16 km towards the north. He then takes a right turn, drives 10 km, turns right and drives 17 km. He then takes a right turn and drives 13 km. He takes a final right turn, drives 1 km and stops at Point P. How far and towards which direction should he drive in order to reach Point A from Point P in a straight line? (All turns are 90 degree turns only)

A. 5 km towards the north

B. 3 km towards the west

C. 1 km towards the south

D. 3 km towards the east ✓

**Q7** General Intelligence and Reasoning

Amongst six friends P, Q, R, S, T and U, each has a different height. S is taller than only four other friends. R is taller than only one friend. U is taller than T but shorter than P. P is not the tallest. Who is the second tallest among all the friends?

A. S ✓

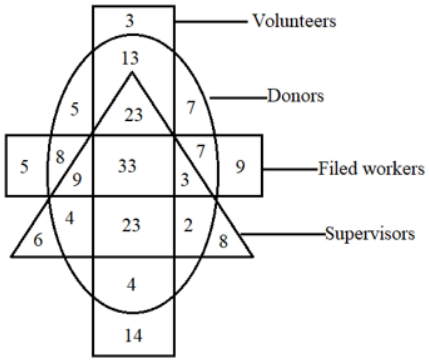
B. Q

C. P

D. T

**Q8** General Intelligence and Reasoning

Study the Venn Diagram given below and answer the question that follows.




How many volunteers are supervisors but neither donors nor field workers?

A. 8

B. 14

C. 33

D. 0 ✓

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**Q9** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

58, 118, 208, 334, ?, 718

A. 502 ✓

B. 510

C. 512

D. 524

**Q10** General Intelligence and Reasoning

If '+' means '−', '−' means '+', '×' means '÷', and '÷' means '×', what will come in place of the question mark (?) in the following equation?

$40 - 17 \div 3 + 25 \times 5 = ?$

A. 90

B. 86 ✓

C. 88

D. 92

**Q11** General Intelligence and Reasoning

Y, Z, A, B, C and D live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 6.

Only Y lives on the floor between the floors occupied by D and C. B lives on an even numbered floor, but not on floor 6. Z lives on the lowermost floor. D is immediately above B. Who is on the topmost floor?

A. C

B. A ✓

C. D

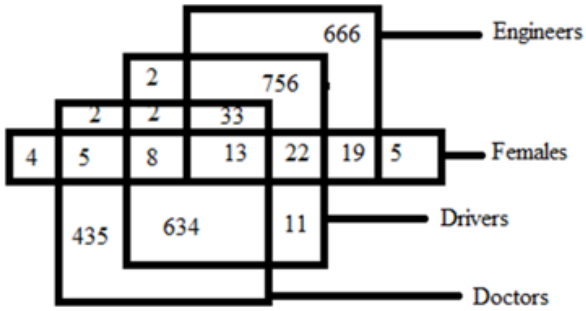
D. Y

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**Q12** General Intelligence and Reasoning

Study the Venn Diagram given below and answer the question that follows.




How many female engineers are drivers but NOT doctors?

A. 22 ✓

B. 19

C. 13

D. 8

**Q13** General Intelligence and Reasoning

In a certain code language, 'GAURD' is written as 'LDYTE' and 'CLOVE' is written as 'HOSXF'. How will 'HORSE' be written in that language?

A. IHFGD

B. MRVUF ✓

C. MORDG

D. DGOJO

**Q14** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(14, 98)
(22, 242)

A. 6, 18 ✓

B. 8, 48

C. 12, 132

D. 16, 80

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**Q15** General Intelligence and Reasoning

In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$E \geq R = S \leq T < N > O = Z$

**Conclusions:**

1. $E \geq S$
2. $T \geq E$
3. $R > N$
4. $T < Z$

A. 1 ✓

B. 2

C. 3

D. 4

**Q16** General Intelligence and Reasoning

Four friends Aman, Renu, Mohan and Rakesh are sitting at the corners of a square table and all are facing the centre. Only two persons are sitting between Aman and Renu. Rakesh is sitting to the immediate right of Mohan. If Aman is sitting immediately to the left of Mohan, which of the following statements is definitely true?

A. Aman is sitting diagonally opposite to Mohan.

B. Rakesh is sitting diagonally opposite to Mohan.

C. Renu is sitting diagonally opposite to Mohan. ✓

D. Aman is sitting diagonally opposite to Renu.

**Q17** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) D 2 R X 5 8 T ^ & 9 3 H 8 C % K T A # 3 T 5 4 $ % 9 & R % 5 (Right)

If all the letters are dropped from the series, which of the following will be in the middle of the series formed?

A. 5

B. # ✓

C. $

D. %

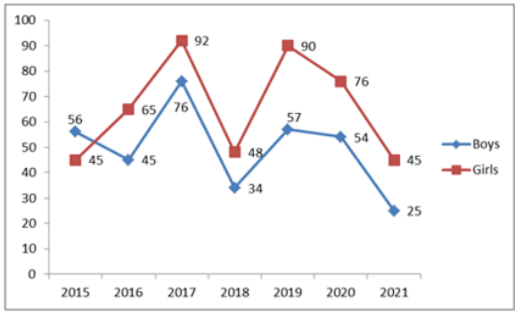
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**Q18** General Intelligence and Reasoning

Study the given graph and answer the question that follows.

The graph presents the number of athletes that qualified for national camp during the years 2015 to 2021.




By what percentage (approximately) have the girls qualified more than the boys in the given years taken together?

A. 46%

B. 33% ✓

C. 25%

D. 15%

**Q19** General Intelligence and Reasoning

In a certain code language, 'PUTRE' is written as 'RXXWK' and 'DGHKL' is written as 'FJLPR'. How will 'ZSHJL' be written in that language?

A. BVLRO

B. BVLOR ✓

C. BVROL

D. BRVOL

**Q20** General Intelligence and Reasoning

Pole A is to the west of pole B and north of pole D. Pole E is to the east of pole D, and pole C is to the west of pole D. What is the position of pole D with respect to pole B?

A. South

B. South-west ✓

C. North

D. North-east

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**Q21** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

GP32S, LU35X, QZ38C, VE41H,?

A. AM44J

B. AJ44M ✓

C. JA44M

D. MJ42A

**Q22** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. D sits fourth to the right of A. B sits third to the right of D. C sits fifth to the left of A. There are only two persons between B and E. If no other person is sitting in the row, what is the total number of persons seated?

A. 9

B. 14

C. 16 ✓

D. 11

**Q23** General Intelligence and Reasoning

In a straight row of students facing north, the position of P is $32^{nd}$ from the left side of the row and $47^{th}$ from the right side of the row. Find the total number of students in the row.

A. 78 ✓

B. 80

C. 79

D. 77

**Q24** General Intelligence and Reasoning

Study the given arrangement carefully and answer the question that follows.

(Left) 8 @ ! 3 ^ 3 ƒ & 6 @ 4 @ & 8 ¥ 2 4 % 1 £ % 7 (Right)

How many such symbols are there in the above arrangement each of which is immediately followed by an odd number and immediately preceded by a symbol?

A. None

B. 1

C. 2 ✓

D. 3

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**Q25** General Intelligence and Reasoning

Refer to the following series and answer the question (all numbers are single digit numbers only)

**3 7 5 2 8 6 4 1 3 7 4 3 7 6 8 2 6 5 8 9 7 8 6 1 2 7 3**

How many such odd digits are there, each of which is immediately preceded by a perfect square and immediately followed by an odd digit? (NOTE: 1 is also a perfect square)

A. One

B. Two

C. Three ✓

D. Four

**Q26** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

5 : 30 :: 6 : 42 :: 7 : ?

A. 58

B. 50

C. 56 ✓

D. 60

**Q27** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$4.98 \times 2 + 1.96 \times 4 - 8 \div 2 + 1 = ?$

A. 12

B. 15 ✓

C. 20

D. 18

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**Q28** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$14.999 \times 4.999 + 17.988 \div 2.998 + 24.999 \div 4.998 - 8.997 = ?$

A. 70

B. 72

C. 77 ✓

D. 87

**Q29** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

BFHN : HBDI :: DHFM : JDBH :: FSWL : ?

A. LPSF

B. KOTF

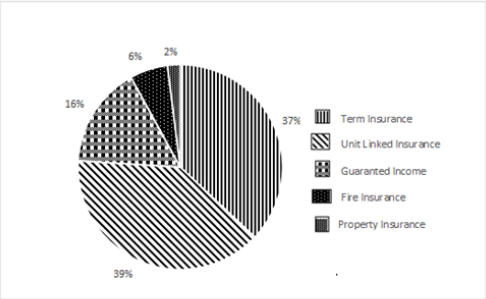
C. LOSG ✓

D. KPSH

**Q30** General Intelligence and Reasoning

Study the given pie-chart and answer the question that follows.

The pie-chart presents the total share of different insurance products offered by an insurance company.




If the total insurance sold by the company in a given year was 36000, then how many fire and property insurances were sold in that year?

A. 5760

B. 2880 ✓

C. 2160

D. 720

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Select the term from among the given options that can replace the question mark (?) in the following series.

ABCD, ABCD1, ABC1D1, AB1C1D1, A1B1C1D1, A1B1C1D2, ?

A. A1B1C2D2 ✓

B. A1B1C2D11

C. A1B1C2D12

D. A1B1C2D22

**Q2** General Intelligence and Reasoning

If each vowel in the word RUBAL is changed to the next vowel in the English alphabetical order and each consonant is changed to the next letter in the English alphabetical order, which letter will be present in the newly formed word?

A. R

B. U

C. A ✓

D. L

**Q3** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. All pots are sands.
2. Some sands are clays.
3. All greys are clays.

Conclusions:

I. Some greys are pots.

II. All clays are sands is a possibility.

III. Some clays are pots.

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Only conclusion III is true

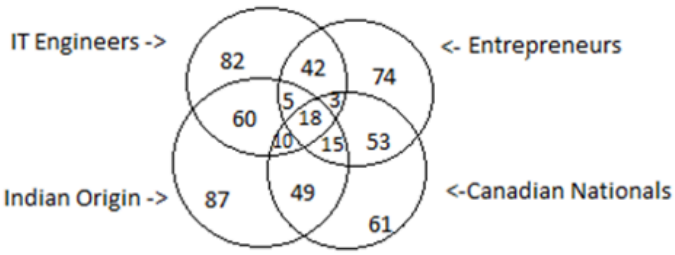
D. Only conclusion I and II are true

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**Q4** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many Canadian nationals are there who are entrepreneurs of Indian origin but NOT IT engineers?

A. 18

B. 15 ✓

C. 33

D. 36

**Q5** General Intelligence and Reasoning

In the given letter-cluster triads, the letter-clusters in a particular triad are related following a certain logic. Study the given triads carefully and from the given options, select the triad that follows the same logic.

ABC : DFH : ILO

RST : UWY : ZCF

A. STU : VWX : YZA

B. FGH : IKM : NQT ✓

C. OPQ : RTV : WYA

D. EFG : HKN : ORU

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**Q6** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
25 : 6 :: 64 : 9 :: 9 : ?

A. 2

B. 3

C. 5

D. 4 ✓

**Q7** General Intelligence and Reasoning

Seven people R, S, T, U, V, W and X were sitting around a circular table, facing the centre. They were equidistant to one another. T was sitting to the immediate right of S. W was sitting to the immediate left of V. R and U were immediate neighbours. Only X was sitting between V and S. U was sitting to the immediate right of T. Who was sitting to the immediate left of W?

A. U

B. S

C. R ✓

D. T

**Q8** General Intelligence and Reasoning

Refer to the following letter series and answer the question that follows.

(Left) A F R G H U I N H F W D C T V G Y J M K O Q (Right)

If every third letter in the above series is dropped, which letter would appear at the fifth place from the left?

A. H

B. N

C. U

D. I ✓

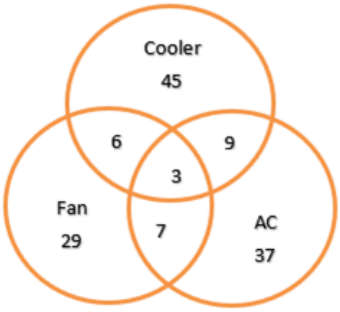
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**Q9** General Intelligence and Reasoning

Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of things.

Which number represents AC which are coolers but are not fans?




A. 6

B. 3

C. 9 ✓

D. 7

**Q10** General Intelligence and Reasoning

Prince starts from Point A and walks 6 km toward south, and then turns to the right, walks for 4 km. He takes a final turn to the left and walks 6 km. Now, in which direction is he from the starting place?

(All turns are 90 degree turns only)

A. South

B. South-west ✓

C. South-east

D. East

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**Q11** General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) from the statement(s).

Statements:

$L \leq R < M \geq Q, N > Q \geq T$

Conclusions:

I. $N \geq M$

II. $Q \leq R$

III. $M > L$

IV. $N \geq L$

A. Only conclusions I and IV follow

B. Only conclusions III and IV follow

C. Only conclusion III follows ✓

D. All conclusions I, II, III and IV follow

**Q12** General Intelligence and Reasoning

This question is based on the following 3-letter words

(left) BOW SAD LOW RAY (right)

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

A. None

B. Three ✓

C. Two

D. One

**Q13** General Intelligence and Reasoning

Harsh walks 45 m towards the west and turns to left and walks 25 m. He then turns to the left and walks 21 m. Again, he turns left and walks 18 m. After that he turns right and walks 23 m and finally, he turns left and walks for 37 m. Which direction is Harsh facing now?

(All turns are 90 degree turns only)

A. East

B. West

C. South

D. North ✓

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**Q14** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$2.04 + 5.019 - 3.001 \times 2.04 = ?$

A. 1 ✓

B. 3

C. 5

D. 4

**Q15** General Intelligence and Reasoning HINDI - no English version saved

एक कथन और उसके बाद दो धारणाएं I और II दी गई हैं। आपको कथन में दी गई संपूर्ण जानकारी को सत्य मानते हुए, यह तय करना है दी गई धारणाओं में से कौन-सी कथन में निहित हैं?

**कथन:**

किताबें पढ़ना आपको नैतिक रूप से अच्छा इंसान बनाएगा।

**धारणाएं:**

I. किताबें पढ़ने से ज्ञान प्राप्त करने में मदद मिलती है।

II. सभी सफल लोग किताबें पढ़ते हैं।

A. न तो धारणा I और न ही II निहित है ✓

B. I और II दोनों धारणाएं निहित हैं

C. केवल धारणा I निहित है

D. केवल धारणा II निहित है

**Q16** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 6.

B lives on an even numbered floor but not on floor number 4. Only two people live between B and E. D lives immediately below A. A lives on an even numbered floor. Neither D nor C live on the lowermost floor. Who lives on floor number 4?

A. C

B. A ✓

C. E

D. F

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**Q17** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

2, 8, 4, 16, 8, 32, ?, 64

A. 96

B. 16 ✓

C. 32

D. 48

**Q18** General Intelligence and Reasoning

Out of a few people who participated in a race, Sandeep ranked $17^{th}$ from the top and $15^{th}$ from the bottom. How many persons participated in the race?

A. 29

B. 30

C. 31 ✓

D. 32

**Q19** General Intelligence and Reasoning

Which of the following interchanges in signs and numbers will make the given equation correct?

$9 - 11 \times 24 = 75$

A. × and =, 24 and 9

B. − and ×, 75 and 11

C. × and −, 9 and 11 ✓

D. = and −, 75 and 24

**Q20** General Intelligence and Reasoning

In a certain code language, 'ANGLE' is written as 'CQKQK' and 'BEING' is written as 'DHMSM'. How will 'BROKE' be written in that language?

A. DUKSP

B. DUSKP

C. DUSPK ✓

D. DUPPK

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**Q21** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

$28 - 168 \times 4 + 10 \div 2 = ?$

A. 25

B. 30

C. 40

D. 50 ✓

**Q22** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(33, 56)

(44, 67)

A. (11, 36)

B. (7, 38)

C. (12, 36)

D. (5, 28) ✓

**Q23** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. A is taller than only three other friends. B is taller than F. D is taller than only one friend. C is taller than D but shorter than F. Who is the second tallest among all the friends?

A. A

B. F ✓

C. C

D. B

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**Q24** General Intelligence and Reasoning

P, Q, R, S, T, U, V and W are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the middle of the sides. R sits third to the left of U. R sits at one of the corners. T does not sit at any of the corners. V sits second to the right of T. T is not an immediate neighbour of R. Only three people sit between S and Q. S is an immediate neighbour of W. S does not sit at any of the middle of the sides.
Who sits second to the left of V?

A. W

B. T ✓

C. U

D. S

**Q25** General Intelligence and Reasoning

In a code language, 'let's cook dinner' is written as 'li mu ha', 'dinner is late' is written as 'ha ve ka', and 'let's go out' is written as 'yo pa mu'. What is the code for the word 'cook' in that language?

A. ve

B. mu

C. ha

D. li ✓

**Q26** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

12, 17, 27, 42, 62, ?

A. 80

B. 82

C. 85

D. 87 ✓

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**Q27** General Intelligence and Reasoning

Five friends P, Q, R, S, and T live in a five-storeyed building numbered from 1 (lowest floor) to 5 (top most floor). Each of them lives on different floor of the building. R lives on the floor below Q's floor. T does not live on the top floor. There are equal number of people living above and below the floor on which S lives. Two people live between the floors where T and R live. Q does not live above or below the floor where S lives. Who lives on second floor?

A. R

B. S

C. T

D. P ✓

**Q28** General Intelligence and Reasoning

The following table shows the expenditures of a company (in ₹ lakh) per annum over the given years. Study the following table carefully and answer the question that follows.

| Year | Item of Expenditure | | | | |
|---|---|---|---|---|---|
| | Salary | Fuel and Transport | Bonus | Interest on Loans | Taxes |
| 2016 | 355 | 56 | 3.5 | 34.2 | 75 |
| 2017 | 285 | 85 | 4.2 | 28.6 | 61 |
| 2018 | 361 | 72 | 4.0 | 29.4 | 83 |
| 2019 | 310 | 69 | 5.5 | 45.6 | 71 |
| 2020 | 395 | 76 | 5.1 | 38.2 | 98 |

Total expenditure on all the items in 2018 was what percent of the total expenditure of all the items in 2020?

A. 89.93%

B. 89.73% ✓

C. 87.93%

D. 88.63%

**Q29** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) H ^ 2 K L 4 D & 3 $ D @ 5 7 % J B # S (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

A. 1

B. 2

C. 3 ✓

D. 4

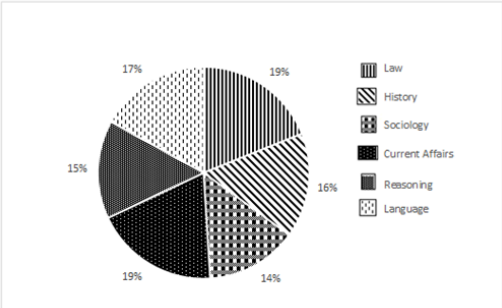
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## Q30 General Intelligence and Reasoning

Study the given pie-chart and answer the question that follows.

The pie-chart shows the percentage of questions asked in a competitive examination.




If the total number of question asked in the examination was 350, how many questions were asked in History, Law and Language taken together?

A. 122.50

B. 182 .00 ✓

C. 111.50

D. 171.50

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

A certain number of people are sitting in a row and all are facing north. Exactly one person is sitting between G and K. I is sitting third to the right of J. H is sitting to the immediate right of G. Exactly four persons are sitting between I and K. M is sitting at the second position to the left of K. If it is given that there is no other person sitting in the row, what is the total number of people in the row?

A. 12 ✓

B. 10

C. 11

D. 13

**Q2** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

Statements:

Some woods are charcoals

Some petrol is diesel

All diesel are fossils

Conclusions:

(I) Some petrol are charcoals

(II) Some fossils are petrol

(III) Some woods are diesel

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Only conclusion I and III follows

D. None of the conclusions follow

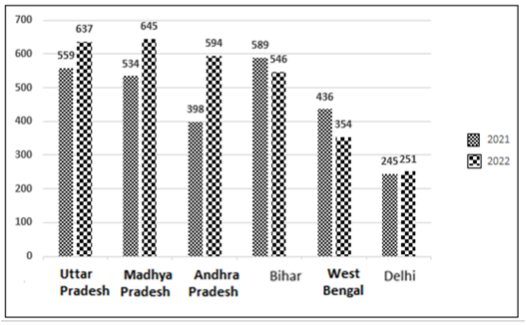
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## Q3 General Intelligence and Reasoning

Study the given graph and answer the question that follows.

The graph presents the total production of crops (in metric tonnes) in six different states/UTs of the country in the years 2021 and 2022.




In which pair of states/UTs is the ratio of total crop production for both the years 1 : 2?

A. West Bengal and Madhya Pradesh

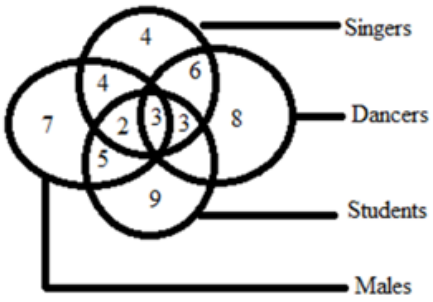
B. Delhi and Andhra Pradesh ✓

C. Delhi and Uttar Pradesh

D. West Bengal and Andhra Pradesh

## Q4 General Intelligence and Reasoning

Study the Venn Diagram given below and answer the question that follows.




How many male students are neither singers nor dancers?

A. 4

B. 5 ✓

C. 2

D. 3

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**Q5** General Intelligence and Reasoning

How many such pairs of letters are there in the word LOVABLE (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. 1 ✓

B. 3

C. 5

D. 6

**Q6** General Intelligence and Reasoning

Refer to the following letter and symbol series and answer the question.

(Left) E # R & H & @ J & M N # B & V && D # P @ W % & Q & A % & # E & (Right)

If all the symbols are dropped from the series, which of the following will be third from the left?

A. H ✓

B. J

C. M

D. Q

**Q7** General Intelligence and Reasoning

Sharad walks 4 km towards the west and then turns right and walks 5 km. Again, he turns left and walks 7 km. Finally, he turns to his left and walks 5 km. How far is he from the starting point?
(All turns are 90 degree turns only)

A. 10 km

B. 11 km ✓

C. 14 km

D. 21 km

**Q8** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. B sits fourth to the right of E. C sits third to the right of B. A sits sixth to the left of E. There are only two persons between C and D. If no other person is sitting in the row, what is the total number of persons seated?

A. 12

B. 9

C. 17 ✓

D. 20

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**Q9** General Intelligence and Reasoning

Six friends, A, B, C, D, E and F, are sitting in a circle facing the centre of the circle. A is 2nd to the right of E. Only one person sits between F and D. B and D are immediate neighbours. F is 3rd to the right of B. C is second to the right of D. Who sits between D and F?

A. A ✓

B. B

C. C

D. D

**Q10** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

188, 187, 183, 174, 158, ?

A. 139

B. 137

C. 133 ✓

D. 129

**Q11** General Intelligence and Reasoning

If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 485136785, what will be the difference between the digits which are second from the left and third from the right?

A. 1

B. 2

C. 3 ✓

D. 4

**Q12** General Intelligence and Reasoning

If in a certain code language, CARBON is coded as DCUFTT and ENABLE is coded as FPDFQK, then how is CANDLE coded in that language?

A. EDRIQK

B. EDRIKQ

C. DCHQKQ

D. DCQHQK ✓

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**Q13** General Intelligence and Reasoning

Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

**Statement:**

Country B has been importing 80% of its crude oil and petroleum from country Y for a few decades now to fulfil their fuel needs. However, owing to the current financial crisis in country Y, it exports the crude oil and petroleum to other countries at 30% higher prices now.

Which of the following can be concluded from the given information?

I. The car resale industry in country B will be on verge of a total shut down in the coming months.

II. Country B will increase fuel tax by 30%.

A. Only I can be concluded from the given information.

B. Only II can be concluded from the given information.

C. Both I and II can be concluded from the given information.

D. Neither I nor II can be concluded from the given information. ✓

**Q14** General Intelligence and Reasoning

Refer to the following letter series and answer the question that follows.

A F R C D S Y H N T E D C I D Q A C V Y U I N G R F S C W R

How many such consonants are there each of which is immediately preceded by a vowel and also immediately followed by a vowel?

A. Zero ✓

B. One

C. Two

D. Three

**Q15** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

10, 132, 234, 318, ?, 440.

A. 332

B. 369

C. 373

D. 386 ✓

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**Q16** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

13 : 195 :: 11 : 143 :: 7 : ?

A. 63 ✓

B. 105

C. 91

D. 107

**Q17** General Intelligence and Reasoning

Six classmates L, M, N, O, P and Q compare the IGCSE results of their final exam. Each of them scored different marks. O scored more than N but less than L. M scored more than N. P scored less than N but more than Q. L scored less than M. Who among the six scored the most?

A. M ✓

B. L

C. O

D. N

**Q18** General Intelligence and Reasoning

Pinky walked 160 m towards north, then she turned right and walks 240 m. Then she turned right and walked 280 m, then she turned left and walked 120 m. Finally, she turned left and walked 120 m. In which direction and how many metres is she from the starting position?
(All turns are 90 degree turns only)

A. East, 120 m

B. West, 120 m

C. West, 360 m

D. East, 360 m ✓

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**Q19** General Intelligence and Reasoning

Study the following line graph and answer the question.




| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|
| Company A | 21.2 | 23.2 | 24.6 | 28.7 | 31.8 | 30.4 | 48.6 |
| Company B | 22.6 | 32.1 | 30.6 | 34.5 | 32.4 | 38.6 | 45.3 |
| Company C | 21.9 | 29.4 | 37.8 | 33.2 | 34.2 | 47.3 | 42.4 |

The average annual exports during the given period for Company B is what percentage of the average annual exports for Company C?

A. 93.99%

B. 95.90% ✓

C. 96.65%

D. 97.32%

**Q20** General Intelligence and Reasoning

Select the term from among the given options that can replace the question mark (?) in the following alpha-numeric series to make it logically complete.

3Z6, 8Y12, 15X18, 24W24, 35V30, ?

A. 36U48

B. 48V36

C. 36V48

D. 48U36 ✓

**Q21** General Intelligence and Reasoning

There are 88 mobile phones, each of separate brands, arranged in a straight row at a mobile centre. The K brand mobile is $47^{th}$ from the left side of the row and the M brand mobile is $34^{th}$ from the right side of the row. How many mobile phones are between K and M brands?

A. 10

B. 9

C. 8

D. 7 ✓

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**Q22** General Intelligence and Reasoning

If each of the digits in the number 417593286 is arranged in ascending order from left to right, the position of how many digits will remain unchanged as compared to that in the original number?

A. 1 ✓

B. 2

C. 3

D. 4

**Q23** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

13 : 28 :: 15 : 30 :: 20 : ?

A. 42

B. 40

C. 36

D. 35 ✓

**Q24** General Intelligence and Reasoning

A, B, C, D, W, X, Y and Z are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the middle of the sides. C sits third to the left of W. C sits at one of the corners. A does not sit at any of the corners. Y sits second to the right of A. A is not an immediate neighbour of C. Only three people sit between B and D. B is an immediate neighbour of Z. B does not sit at any of the middle of the sides.

Who sits second to the left of Y?

A. B

B. D

C. A ✓

D. C

**Q25** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

PROFESS : ORPSSEF : : CONTAIN : NOCNIAT : : ROUTINE : ?

A. TORENIU

B. UORENIT ✓

C. UROEINT

D. UORNETI

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**Q26** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) N 3 F P # 1 C B 5 $ L Q 6 & N 8 D @ K 9 R (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

A. 1 ✓

B. 2

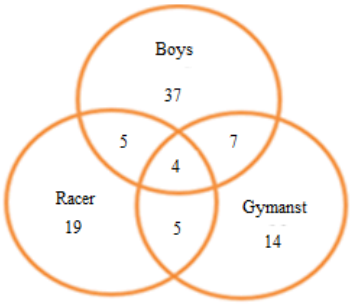
C. 3

D. 4

**Q27** General Intelligence and Reasoning

Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of persons.

In the following Venn diagram, the how many boys are there who are racers and gymnasts?




A. 5

B. 4 ✓

C. 7

D. 14

**Q28** General Intelligence and Reasoning

In a certain code language, '856 458 1265' means 'you are good', 568 235 1265 1452 means 'good boy bad habit ', and '25475 458 568' means 'evils are bad'. In that language, which code stands for 'are'?

A. 856

B. 458 ✓

C. 235

D. 1265

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**Q29** General Intelligence and Reasoning

Which two signs should be interchanged to make the following equation correct?

$13 + 6 \div 12 - 4 \times 5 = 4$

A. $\div$ and $\times$

B. $-$ and $\times$

C. $\div$ and $-$ ✓

D. $\times$ and $+$

**Q30** General Intelligence and Reasoning

Amongst six friends P, Q, R, S, T and U, each has a different height. R is taller than only three other friends. T is taller than only one friend. Q is taller than T but shorter than U. U is shorter than P. Who is the second tallest among all the friends?

A. R

B. Q

C. U ✓

D. P

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**Q1** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. All sparrows are birds.
2. Some birds are animals.
3. All dogs are animals.

Conclusions:

I. Some dogs are sparrows.
II. All animals are birds is a possibility.
III. Some animals are sparrows.

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Only conclusion III is true

D. Only conclusion I and II are true

**Q2** General Intelligence and Reasoning

If

'–' means '÷',

'+' means '×',

'÷' stands for '–' and

'×' means '+',

then which of the following equations is correct?

A. $20 + 3 - 9 \div 5 \times 2 = 20$

B. $20 - 3 + 9 \times 5 \div 2 = 63$ ✓

C. $20 \times 3 \div 9 - 5 + 2 = 32$

D. $20 \div 3 \times 9 + 5 - 2 = 50$

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**Q3** General Intelligence and Reasoning

In this question, a group of letters is coded using letters/symbols as per the table given below, and the conditions that follow. The correct combination of codes following the conditions is your answer.

| Letter/Symbols | O | E | R | L | A | V | & | $ | @ |
|---|---|---|---|---|---|---|---|---|---|
| Code | 7 | 6 | 1 | 4 | 8 | 2 | 3 | 5 | 9 |

Condition 1: If a word starts with a vowel but ends with a consonant then codes for first and last letter to be reversed.

Condition 2: If there are more than two vowels in a word, then first vowel is to be coded as 1, second vowel as 2 and so on.

Condition 3: If a word starts with a consonant and also ends with a consonant then vowels are to be coded after coding all the consonants.

What is the code for "ALOEVERA"?

A. 84232615

B. 14762618

C. 84762618

D. 14232415 ✓

**Q4** General Intelligence and Reasoning

Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north. Only three people sit between A and D. Only two people sit to the left of A. G is not an immediate neighbour of D. G sits second to the right of E. F sits to the immediate right of C. Who sits at the extreme left end of the row?

A. E

B. B ✓

C. A

D. G

**Q5** General Intelligence and Reasoning

Six children, F, G, H, I, J and K, were examined for intelligence and were given marks according to their performance in the test. Each child scored different marks. H scored more than J. H scored less than G and K. J scored less than I. F scored more than G. Who among the six children scored the least?

A. K

B. H

C. I

D. J ✓

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**Q6** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$4.49 \div 1.49 - 3.33 \times 3 + 4.49 = ?$

A. 4.5

B. 2.5

C. −2.5 ✓

D. −4.5

**Q7** General Intelligence and Reasoning

Tamanna started her walk at 6 a.m. On her way she saw a tree in front of her. She noted that the shadow of the tree was exactly to her left. In which direction was Tamanna walking?

A. East

B. West

C. North ✓

D. South

**Q8** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word DUPLICATE is arranged in alphabetical order?

A. 1

B. 2 ✓

C. 3

D. 4

**Q9** General Intelligence and Reasoning

Five persons, P, Q, R, S and T travelled in different months of the same year viz. January, February, March, April and May.

Q travelled in February. Only one person travelled between Q and P. Only three people travelled between T and R. R travelled in a month after P. Who among them travelled in May?

A. P

B. S

C. T

D. R ✓

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**Q10** General Intelligence and Reasoning

In a certain code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

| Number/ Symbol | $ | 5 | % | 6 | ^ | 7 | 4 | & | 8 | * | 9 | 1 | ! | 2 | @ | 3 | # |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | A | S | D | F | G | H | J | K | L | M | N | B | V | C | X | Z | Q |

**Conditions:**

I. If the first element is an even number and the last is an odd number, the codes for the first and last elements are to be interchanged.

II. If both the second and third elements are even numbers, the code for these two will be K.

III. If the first element is a number and the last a symbol, the last element code is to be used for the first element also.

What will be the code for 8%7$9@ ?

A. LDHANX

B. LDHANL

C. XDHANX ✓

D. XDHANL

**Q11** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

17KDP, 20TMY, 23CVH, 26LEQ,?

A. 27NZW

B. 29UNZ ✓

C. 29NZW

D. 27UNZ

**Q12** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

22 : 440 :: 14 : 168 :: 19 : ?

A. 380

B. 323 ✓

C. 228

D. 95

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**Q13** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) B 8 D 5 6 M S 8 # Z @ 7 K $ 2 C B 4 5 N R (Right)

How many such numbers are there which are immediately preceded by a letter and also immediately followed by a number?

A. 1

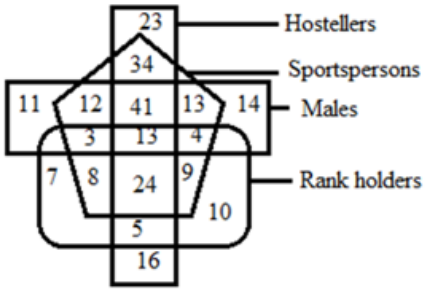
B. 2 ✓

C. 3

D. 4

**Q14** General Intelligence and Reasoning

Study the Venn diagram given below and answer the question that follows.




How many hosteller sportspersons are NOT males but rank holders?

A. 24 ✓

B. 13

C. 34

D. 5

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**Q15** General Intelligence and Reasoning

Read the given statements and conclusions carefully and decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

In a race,

1. G is behind L who is behind D.
2. D is ahead of G who is ahead of R.
3. F is not behind V who is ahead of R.

**Conclusions:**

I. V is behind D.

II. F is ahead of R.

III. D is ahead of R.

A. Conclusions I and II follow

B. Conclusions I and III follow

C. Conclusion III follows

D. Conclusions II and III follow ✓

**Q16** General Intelligence and Reasoning

If L denotes ÷, M denotes ×, P denotes + and Q denotes -, than which of the following statements is true out of the options given below?

A. 13 M 64 P 24 L 18 Q 6 = 36

B. 17 Q 22 M 18 P 13 L 7 = 473

C. 11 L 34 M 17 P 8 Q 3 = 42/ 4 ✓

D. 12 Q 13 L 15 M 19 P 23 = 96

**Q17** General Intelligence and Reasoning

T, U, V, W, X, Y, Z and A are sitting in a straight row, facing north. Only Z sits between T and V. A sits at the extreme left end of the row. Only three people sit between Z and Y. Only X sits between V and W. T sits to the immediate right of U. Who sits to the immediate right of A?

A. W

B. T

C. Z

D. U ✓

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**Q18** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

12, 10, 11.5, 10.5, 11, 11, 10.5, 11.5, 10, ?

A. 8.5

B. 11

C. 12 ✓

D. 13

**Q19** General Intelligence and Reasoning

Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

**Statement:**

Following the recession in country F, many smaller companies have decided to lay off all their employees who were on probation period of six months. As a result, a little over 48% of the employees of company M were laid off.

Which of the following can be concluded from the given information?

I. Company M had almost doubled in employee strength recently.

II. The layoffs due to recession are not performance based.

A. Only I can be concluded from the given information.

B. Only II can be concluded from the given information.

C. Both I and II can be concluded from the given information. ✓

D. Neither I nor II can be concluded from the given information.

**Q20** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word AMBUSHED is arranged in the reverse alphabetical order?

A. zero ✓

B. One

C. Two

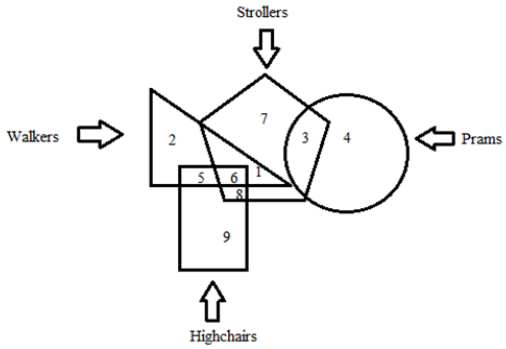
D. Three

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**Q21** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of things.




How many such walkers are there that are also highchairs but NEITHER prams NOR strollers?

A. 5 ✓

B. 6

C. 9

D. 8

**Q22** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

59 : 45 :: 46 : 24 :: 85 : ?

A. 38

B. 44

C. 40 ✓

D. 35

**Q23** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing the north. R sits third to the left of P. Q sits fourth to the right of P. Only two persons sit between Q and T. If no other person is sitting in the row, what is the total number of persons seated?

A. 13

B. 12

C. 11 ✓

D. 15

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**Q24** General Intelligence and Reasoning

Refer to the following number, symbol series and answer the question.

7 4 & @ 3 4 % @ $ 4 @ 3 4 % 4 $ 5 * @ 4 3 4 5 * 3

How many 4s are there that are immediately followed by a symbol?

A. Seven

B. Five ✓

C. Nine

D. Three

**Q25** General Intelligence and Reasoning

Starting from point P, Sheetal walks 50 m towards the west. She takes a right turn and walks 20 m. Then she takes a left turn and walks 47 m. She takes a left turn again and walks 75 m. Again, she takes a left turn and walks 47 m. She takes a left turn again and walks 20 m. Then she takes a right turn and walks 50 m. Finally, she takes a left turn and walks 10 m to reach point Q. How far and in which direction is point P from point Q? (All turns are 90 degree turns only)

A. 25 m due north ✓

B. 25 m due south

C. 35 m due north

D. 15 m due north

**Q26** General Intelligence and Reasoning

Study the given table and answer the question that follows.

The table presents the total expenditure made by a company under different heads during the years 2016 to 2022.

| Year | Expenditure | | | | |
|---|---|---|---|---|---|
| | Raw Material | Transport | Salary | Establishments | Tax |
| 2022 | 789 | 123 | 122 | 987 | 97 |
| 2021 | 786 | 112 | 132 | 789 | 98 |
| 2020 | 798 | 109 | 189 | 678 | 112 |
| 2019 | 879 | 101 | 196 | 897 | 134 |
| 2018 | 987 | 98 | 199 | 876 | 141 |
| 2017 | 890 | 95 | 173 | 766 | 108 |
| 2016 | 908 | 78 | 166 | 567 | 111 |

The total expenditure of the company in 2020 was approximately what per cent of the total expenditure in 2022?

A. 82%

B. 93%

C. 89% ✓

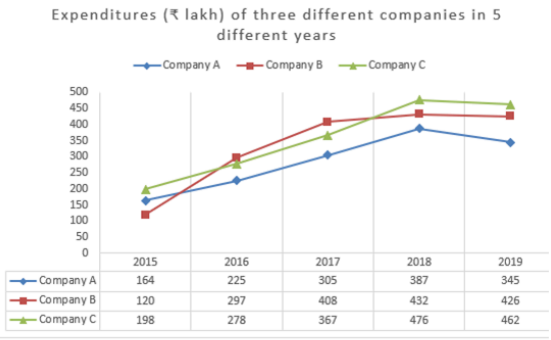
D. 95%

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**Q27** General Intelligence and Reasoning

Study the graph and answer the question.




| | 2015 | 2016 | 2017 | 2018 | 2019 |
|---|---|---|---|---|---|
| Company A | 164 | 225 | 305 | 387 | 345 |
| Company B | 120 | 297 | 408 | 432 | 426 |
| Company C | 198 | 278 | 367 | 476 | 462 |

Total expenditure of all three companies together in the year 2018 was what percentage of the total expenditure of company B over all the years together?

A. 78.65%

B. 77.32%

C. 76.95% ✓

D. 75.86%

**Q28** General Intelligence and Reasoning

There are 43 cadets in a battalion, and the commander is planning for an straight row arrangement of cadets on stage, facing north. P is $18^{th}$ from the left side of the row and Q is $31^{st}$ from the right side of the row. Find the number of cadets standing between P and Q.

A. 6

B. 5

C. 4 ✓

D. 3

**Q29** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

1.6, 2.3, 3, 3.7, 4.4, 5.1, 5.8, 6.5, ?, 7.9, 8.6

A. 7.2 ✓

B. 7.3

C. 7.1

D. 7.4

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**Q30** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

LAPTOP : QPUQBM :: MOBILE : FMJCPN :: DEVICE : ?

A. EFWJDF

B. FDJWFE ✓

C. FDJFEW

D. FDJFFW

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**General Intelligence and Reasoning** 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

All 35 students of a class are standing in a straight row facing north. Ram is $17^{th}$ from the right end, while Rakesh is $17^{th}$ from the left end. Sonu is exactly between Ram and Rakesh. What is the position of Sonu from left end?

A. $12^{th}$

B. $3^{rd}$

C. $18^{th}$ ✓

D. $20^{th}$

**Q2** General Intelligence and Reasoning

Amongst six friends A, L, V, P, Q and M, each has a different height. P is taller than only four other friends. V is taller than only one friend. Q is taller than M but shorter than A. A is not the tallest. Who is the shortest among all the friends?

A. Q

B. L

C. M ✓

D. P

**Q3** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word ABDUCENT is arranged in alphabetical order?

A. 2 ✓

B. 3

C. 5

D. 6

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**Q4** General Intelligence and Reasoning

When Rishabh started walking at dusk he was facing the sun. After some time he met his friend Sunil. After talking to him, Rishabh turned towards the right. After walking for some time he took a left turn from the next crossroad and finally turned towards his left. In which direction is Rishabh walking now? (All turns are 90 degree turns only)

A. East
B. West
C. North
D. South ✓

**Q5** General Intelligence and Reasoning

Amongst six friends P, Q, R, S, T and U, each has a different height. P is taller than only one friend. S is taller than only three friends. R is taller than P but shorter than Q. U is taller than Q. Who is the shortest among all the friends?

A. R
B. T ✓
C. U
D. Q

**Q6** General Intelligence and Reasoning

In a certain code language, 'ADOPT' is written as 'CGSUZ' and 'AGAIN' is written as 'CJENT'. How will 'BOOST' be written in that language?

A. DRSZX
B. DRSXX
C. DRSXZ ✓
D. DRXZS

**Q7** General Intelligence and Reasoning

If 1 is subtracted from each odd digit and 2 is added to each even digit in the number 2965413, what will be the average of the largest and smallest digits thus formed?

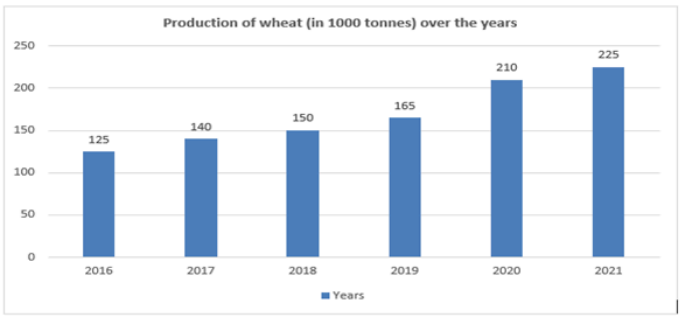
A. 8
B. 6
C. 4 ✓
D. 2

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**Q8** General Intelligence and Reasoning

The following bar chart shows the data of production of wheat in the duration of six years. Study the bar chart and answer the question based on it.




In which year there was maximum percentage increase in production as compared to the previous year?

A. 2018

B. 2019

C. 2020 ✓

D. 2021

**Q9** General Intelligence and Reasoning

A, B, C, D and E live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 5.

B lives on an even numbered floor but not on floor number 4. Only two people live between A and E. D lives immediately below A. Who lives on floor number 5?

A. A

B. C ✓

C. D

D. B

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**Q10** General Intelligence and Reasoning

If

@ means 'multiplication',

% means 'subtraction',

$ means 'addition', and,

& means 'division',

then 28 & 7 @ 8 % 6 $ 4 = ?

A. 31

B. 30 ✓

C. 32

D. 33

**Q11** General Intelligence and Reasoning

Starting from his house, Bheema walks 5 m towards the west, then turns left and walks 50 m, and then turns right and walks 30 m to reach his school. In which direction is the school from his house? (All turns are 90 degree turns only)

A. South-east

B. South-west ✓

C. North-east

D. North

**Q12** General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the middle of the sides. D sits third to the left of E. D sits at one of the corners. H does not sit at any of the corners. G sits second to the right of H. H is not an immediate neighbour of D. Only three people sit between B and A. B is an immediate neighbour of F. B does not sit at any of the middle of the sides.
Who sits third to the left of G?

A. C ✓

B. B

C. H

D. D

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**Q13** General Intelligence and Reasoning

If 1 is subtracted from each odd digit and 2 is added to each even digit in the number 6472311, what will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 6 ✓

B. 7

C. 8

D. 9

**Q14** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

19, 26, 40, 61, 89, ?

A. 125

B. 124 ✓

C. 130

D. 126

**Q15** General Intelligence and Reasoning

In a certain code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

| Number/ Symbol | 1 | ! | 2 | @ | 3 | # | 4 | $ | 5 | % | 6 | ^ | 7 | & | 8 | * | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | T | D | C | R | G | B | Y | H | N | J | P | L | Q | S | D | F | Z |

**Conditions:**

I. If the first element is an even number and the last is an odd number, the code for the first and last elements will be K.

II. If both the second and third elements are even numbers, the codes for these two are to be interchanged.

III. If the first element is a number and the last a symbol, the number code is to be used for the symbol also.

What will be the code for 6S8^&3 ?

A. KHDLSG

B. PHDLSG

C. KHDLSK ✓

D. GHDLSP

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**Q16** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. Some mountains are hills.
2. Some hills are rocks.
3. All rocks are black.

Conclusions:

I. Some black are hills.

II. All hills are mountains is a possibility.

III. Some rocks are not mountains.

A. Only conclusion I is true

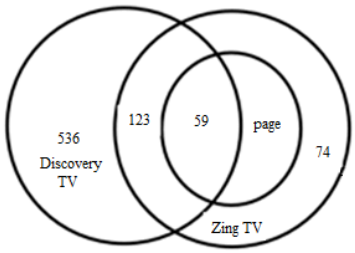
B. Only conclusion II is true

C. Only conclusion III is true

D. Only conclusion I and II are true ✓

**Q17** General Intelligence and Reasoning

Study the following Venn diagram and answer the question that follows. The diagram represents the favourite channels of kids.




The ratio of kids who like only Discovery TV to those who like all the three, is:

A. 123/59

B. 59/536

C. 536/59 ✓

D. 59/123

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**Q18** General Intelligence and Reasoning

Each of the letters in the word 'CONFIRM' is arranged in alphabetical order. How many letters are there in the English alphabetical series between the letter which is fourth from the left and the one which is second from the right in the new word thus formed?

A. 1 ✓

B. 2

C. 3

D. 4

**Q19** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

4 : 6 :: 8 : 14 :: 16 : ?

A. 20

B. 22

C. 30 ✓

D. 18

**Q20** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

44, 50, 45, 49, 46, 48, ?

A. 50

B. 46

C. 49

D. 47 ✓

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**Q21** General Intelligence and Reasoning

8 persons P, Q, R, S, T, U, V and W are seated around a square table facing the centre of the table in such a way that four of them sit at four corners of the table while the other four sit in the middle of each of the four sides. Out of the 8 persons, there are 3 females who are not an immediate neighbour to each other. U, who is a female, is the immediate neighbour of V and W. Q is the immediate neighbour of both S and V. R, a female, is second to the left of Q. V, a male, is 3rd to the left of T, who is a female. How many persons are seated between P and V when counted from the left of P?

A. One

B. Two

C. Three ✓

D. Four

**Q22** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

21UDA, 18BKH, 15IRO, 12PYV,?

A. 9WFC ✓

B. 7FCW

C. 7WFC

D. 9FCW

**Q23** General Intelligence and Reasoning

Refer to the following number series and answer the question.

7 2 9 6 3 8 3 8 7 7 3 2 7 3 2 2 1 3 3 9 9 7 4 9 9 0 9

Find the sum of number of occurrences of 7s and number of occurrences of 9s in the given series.

A. 7

B. 11 ✓

C. 14

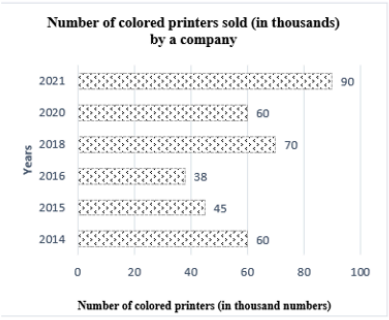
D. 5

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**Q24** General Intelligence and Reasoning

The given bar chart shows number of color printers sold by a company in the years 2014, 2015, 2016, 2018, 2020 and 2021. Study the given bar chart and answer the question.




The number of coloured printers sold in 2015 is approximately what percentage of the number of coloured printers sold in 2021?

A. 55%

B. 42%

C. 45%

D. 50% ✓

**Q25** General Intelligence and Reasoning

Q, W, E, R, T and Y live on seven different floors of the same building with one floor being vacant. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 7. T lives on the $7^{th}$ floor, and W lives on the $1^{st}$ floor. Only Y lives between R and W and there is no vacant floor between R and W. The $5^{th}$ floor is occupied by E. Only Q lives between T and E. Which floor is vacant?

A. 6

B. 4 ✓

C. 3

D. 2

**Q26** General Intelligence and Reasoning

If 3 January 2006 is a Tuesday, then what will be the day of the week on 15 June 2010?

A. Wednesday

B. Thursday

C. Tuesday ✓

D. Sunday

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**Q27** General Intelligence and Reasoning

PF 13 is related to MC 20 in a certain way. In the same way, LR 19 is related to IO 26. To which of the following is XJ 25 related following the same logic?

A. UG 32 ✓

B. GU 32

C. UG 33

D. VG 32

**Q28** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. Some sports are cricket.
2. Some cricket are tennis.
3. All tennis are balls.

Conclusions:

I. Some tennis are sports.
II. Some balls are sports.
III. Some balls are cricket.

A. Only conclusion I is true

B. Only conclusion II is true

C. Only conclusion III is true ✓

D. Only conclusion I and II are true

**Q29** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

198 : 18 :: 253 : 23 :: 44 : ?

A. 13

B. 4 ✓

C. 15

D. 5

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**Q30** General Intelligence and Reasoning

Given below is a statement followed by two possible underlying assumptions I and II. Read the information carefully and select the correct option.

**Statement**:
Although The fashion brand 'Pick2wear' failed miserably in country X, it will surely make huge profits in a country with a higher average age like country T.

Which of the following can be assumed by the given statement?
I. The percentage of older people are more in country T as compared to country X.
II. 'Pick2Wear' usually does not suit the dressing preferences of youngsters.

A. Only I can be assumed

B. Only II can be assumed

C. Both I and II can be assumed ✓

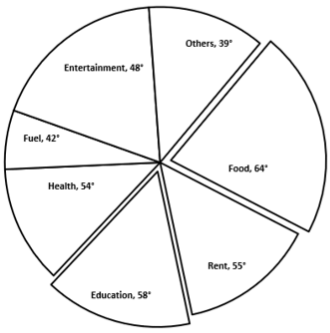
D. Neither I nor II can be assumed

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**Q1** General Intelligence and Reasoning

The given circle graph shows the monthly budget of a middle-class family in the form of central angle. Study the circle graph and answer the question.




If the amount spent on food and education during a month was ₹15,000, then what was the total approximate amount spent in that month?

A. ₹30,500

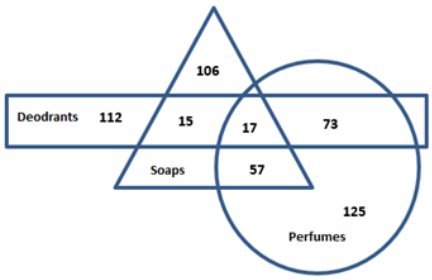
B. ₹44,250 ✓

C. ₹45,000

D. ₹48,000

**Q2** General Intelligence and Reasoning

Study the following diagram and answer the question given below. The rectangle represents deodorants, the triangle represents Soaps, and the circle represents Perfumes.




How many perfumes are deodorants but not soaps?

A. 112

B. 15

C. 17

D. 73 ✓

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**Q3** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2, and so on till the topmost floor is numbered 6.

F lives on an even numbered floor but not on floor number 4. Only two people live between F and B. A lives immediately below E. E lives on an even numbered floor. Neither A nor D does not live on the lowermost floor. Who lives on floor number 4?

A. D

B. E ✓

C. C

D. A

**Q4** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(left) 221 293 320 423 426 (right)

(Example: 246 – first digit = 2, second digit = 4, third digit = 6)

NOTE – All operations to be done from left to right.

What will be the resultant if the second digit of the largest number is added to the first digit of the smallest number?

A. 5

B. 4 ✓

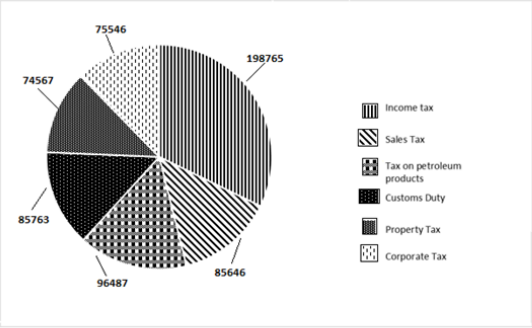
C. 11

D. 7

**Q5** General Intelligence and Reasoning

Study the given pie-chart and answer the question that follows.

The graph presents the income of the government (in ₹ crore) through various sources.




Through which source does the government receive near about 15% of the total income?

A. Petroleum products ✓

B. Sales tax

C. Customs duty

D. Corporate tax

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**Q6** General Intelligence and Reasoning

Which two numbers should be interchanged to make the following equation correct?

$8 + 4 - (7 \times 5 - 6) \div 3 = 3.75$

A. 8 and 5

B. 4 and 7

C. 3 and 4 ✓

D. 8 and 4

**Q7** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

1. Some teachers are professors.
2. Some researchers are teachers.
3. All professors are researchers.

**Conclusions:**

I. Some teachers are researchers.

II. Some researchers are professors.

III. Some professors are teachers.

A. Conclusions I and II follow

B. Conclusions I and III follow

C. Conclusions II and III follow

D. Conclusions I, II and III follow ✓

**Q8** General Intelligence and Reasoning

Six friends Richa, Shobhna, Urmila, Swarna, Purnima, and Kavya, are sitting on a bench in the park. They all are facing south. Only four persons are sitting between Purnima and Richa. Swarna is sitting third to the left of Purnima. Richa and Swarna are immediate neighbour of Kavya. Purnima and Shobhna are immediate neighbours of Urmila. Who sits fourth to the left of Urmila?

A. Kavya

B. Shobhna

C. Swarna

D. Richa ✓

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**Q9** General Intelligence and Reasoning

Given below is a decision followed by two statements I and II. Read the information carefully and select the correct option.

**Decision:**

The management of an international school P has requested all students and their parents to consider carpooling for travelling to school and minimise individual vehicles.

**Statements:**

I. Since most students use individual vehicles, traffic has been an increasing problem since the last few months.
II. The locality in which school P is located has reported three instances of car theft around midnight in the last four months.

A. Statement I strengthens the decision but statement II is neutral. ✓

B. Statement I weakens the decision but statement II strengthens the decision.

C. Both statements I and II weaken the decision.

D. Statement I is neutral but statement II strengthens the decision.

**Q10** General Intelligence and Reasoning

Each of P, Q, R, S and T has an exam on a different day of a week, starting from Monday and ending on Friday of the same week.
Q has the exam on Thursday. Only one person has the exam between R and S. R has the exam on the day immediately before P. Who has the exam on Tuesday?

A. S

B. R

C. P ✓

D. T

**Q11** General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the middle of the sides. B sits third to the left of H. B sits at one of the corners. G does not sit at any of the corners. C sits second to the right of G. G is not an immediate neighbour of B. Only three people sit between D and E. D is an immediate neighbour of F. D does not sit at any of the middle of the sides.
Who sits second to the left of A?

A. H

B. D ✓

C. F

D. E

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**Q12** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$2.34 + 6.01 - (3.86 \div 1.91) + 2.01 \times 4.02 = ?$

A. 14 ✓

B. 22

C. 86

D. 54

**Q13** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question that follows.

(Left) H T Z C T & T * % 7 & Y % 6 U K & 2 R T 7 9 Y $ 3 5 E * S & D 9 # 6 * (Right)

If all the numbers are dropped/deleted from the series, which of the following will be fourth to the left of sixth from the right?

A. T ✓

B. Y

C. $

D. E

**Q14** General Intelligence and Reasoning

Raghav starts from Point A and drives 25 km towards the north. He then takes a right turn, drives 19 km, turns right and drives 40 km. He then takes a right turn and drives 30 km. He takes a final right turn, drives 15 km and stops at Point P. How far and towards which direction should he drive in order to reach Point A from Point P in a straight line? (All turns are 90 degree turns only)

A. 7 km towards the north

B. 11 km towards the east ✓

C. 15 km towards the west

D. 13 km towards the east

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**Q15** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

D O _ D _ O L D B O L D _ O L _

A. LCAO

B. LCAD ✓

C. DCAD

D. LCOD

**Q16** General Intelligence and Reasoning

Four friends K, L, M and N are playing on the playground. L is standing towards the east of K and is towards the north of M. M is standing towards the west of N's house. In which direction is N standing from K?

A. North-east

B. South-west

C. North-west

D. South-east ✓

**Q17** General Intelligence and Reasoning

In the given question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

Statement: $Q = R \geq T > S < U = V$

Conclusions: I. $T \geq Q$

II. $T < V$

A. Only conclusion I is true

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true ✓

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**Q18** General Intelligence and Reasoning

In a certain code language, 'SOMEWHAT' is written as 'NRDLGVSZ' and 'SPECTRUM' is written as 'ORBDQSLT'. How will 'SITUATED' be written in that language?

A. HRTSZSCD

B. RHSTZSDC

C. HRTSSZCD ✓

D. HTVUUBEF

**Q19** General Intelligence and Reasoning

A certain number of people are sitting in a straight row, facing north. B is fourth to the left of G; F is fourth to the right of C and second to the left of K, who is fifth to the right of A. D is not an immediate neighbour of either K or B. There are only three persons between J and A. J and K are sitting at extreme ends. G is second to the right of C. If no other person is sitting in the row, What is the total number of persons seated?

A. Six

B. Seven

C. Eight

D. Ten ✓

**Q20** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

17, 19, 23, 29, 37, ?

A. 44

B. 45

C. 47 ✓

D. 48

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**Q21** General Intelligence and Reasoning

Refer to the following letter and symbol series and answer the question that follows.

(Left) & $ T & J $ X G ^ K € U % & Z Y # S @ * D X ¥ F ø (Right)

How many such symbols are there in the series each of which is immediately preceded by a letter and immediately followed by a symbol?

A. None

B. 1

C. 2 ✓

D. 3

**Q22** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

FLM : AGH :: MLK : HGF

A. RUG : MPB ✓

B. FIN : ACJ

C. MAP : HWL

D. TED : PZX

**Q23** General Intelligence and Reasoning

In a certain code language, 'I like holidays' is written as 'sf vg tu', 'summer holidays started' is written as 'nj tu mk' and 'I hate summer' is written as 'sf io nj'. What is the code for the word 'summer' in that language?

A. Io

B. vg

C. nj ✓

D. tu

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**Q24** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 12 – Operations on 12 such as adding/subtracting/multiplying etc. to 12 can be performed. Breaking down 12 into 1 and 2 and then performing mathematical operations on 1 and 2 is not allowed)

(15, 360, 12)

(12, 120, 5)

A. (12, 4, 16)

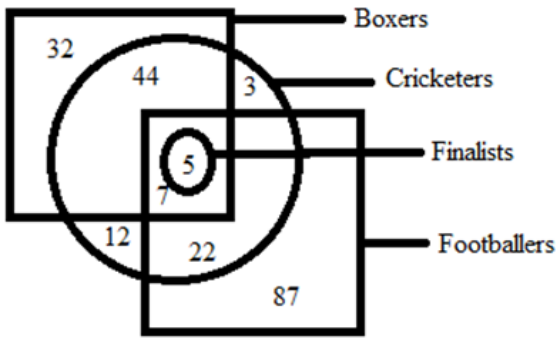
B. (14, 84, 3) ✓

C. (13, 42, 3)

D. (15, 20, 30)

**Q25** General Intelligence and Reasoning

Study the Venn Diagram given below and answer the question that follows.




How many cricketers are neither boxers nor footballers?

A. 20

B. 3

C. 15 ✓

D. 12

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**Q26** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) J * D 1 J 9 8 # Y W N P&3 @ N L 2 E & H (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

A. 0

B. 1 ✓

C. 2

D. 3

**Q27** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

1296, 6, 216, 36, 36, ?, 6

A. 48

B. 96

C. 144

D. 216 ✓

**Q28** General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) from the statement(s).

Statements:

$T > R \geq A > C = F \leq I < L$

Conclusions:

I. $C < L$

II $R > I$

A. Only conclusion I follows ✓

B. Either conclusion I or II follows

C. Only conclusion II follows

D. Both conclusions I and II follow

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**Q29** General Intelligence and Reasoning

If each of the digits in the number 7058153 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. None ✓

B. One

C. Two

D. Three

**Q30** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

72 : 90 :: 110 : 132 :: 156 : ?

A. 180

B. 182 ✓

C. 190

D. 192

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**Q1** General Intelligence and Reasoning

Refer to the following letter, symbol series and answer the question.

D & C N E ^ & G ^ Y % % @ G Y & I & * H K Z

How many vowels are there that are immediately followed by a symbol?

A. None

B. One

C. Two ✓

D. Three

**Q2** General Intelligence and Reasoning

In a certain code language, 'CLIMATE' is written as 'DUZNHMD' and 'COMPLEX' is written as 'YDMQNND'. How will 'DISPLAY' be written in that language?

A. ZBMQTJE

B. EJTQMBZ

C. ZZMQTHE ✓

D. ZZMOTHE

**Q3** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) S $ 3 & H P W 8 # J * M 2 F A 2 $ Y 1 V (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

A. 0

B. 1 ✓

C. 2

D. 3

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**Q4** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 6, the floor above it is numbered 5, and so on till the topmost floor is numbered 1.

B lives on an odd numbered floor but not on floor number 3. Neither D nor E lives on the lowermost floor. A lives on an odd numbered floor and is immediately above D. C lives on floor number 5. Who lives on floor number 2?

A. D

B. E ✓

C. B

D. F

**Q5** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $Q \leq S \leq C < F > T \geq H > M$

A. $Q > H$

B. $T > M$ ✓

C. $S \geq F$

D. $C = H$

**Q6** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

11 : 132 :: 12 : 156 :: 13 : ?

A. 180

B. 182 ✓

C. 190

D. 196

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**Q7** General Intelligence and Reasoning

Seven friends Rekha, Bharti, Shilpi, Jai, Tarun, Ravi, and Nausheen have their houses on seven different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 7 .Five people live between the floors where Jai and Rekha live. There are two floors between Tarun's and Ravi's house. Tarun lives on one of the floors below Ravi's floor. Ravi's house is not at the top floor. Nausheen's house is just above Tarun's house. Only two people live between Nausheen's and Jai's house. Only two people are above Bharti's house. Who among the following lives on floor number 4 ?

A. Bharti

B. Tarun

C. Nausheen ✓

D. Jai

**Q8** General Intelligence and Reasoning

Pole P is to the north of pole R. Pole Q is to the east of pole R and north of pole S. What is the position of pole R with respect to pole S?

A. North

B. South

C. South-west

D. North-west ✓

**Q9** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. B is taller than only two other friends. C is shorter than only one friend. E is shorter than B but taller than F. A is shorter than D. Who is the second shortest among all the friends?

A. B

B. E ✓

C. F

D. D

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**Q10** General Intelligence and Reasoning

Refer to the following number-symbol series and answer the question that follows.

> 3 ^ 1 3 & > 9 3 8 4 ! ^ 3 5 4 1 * 2 9 8 > * # 9 ! 9 6

How many such numbers are there that are immediately preceded by a symbol and immediately followed by a symbol?

A. 2 ✓

B. 3

C. 5

D. 6

**Q11** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. All greens are reds.
2. Some reds are browns.
3. All greys are browns.

Conclusions:

I. Some greys are greens.

II. All browns are reds is a possibility.

III. Some browns are greens.

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Only conclusion III is true

D. Only conclusion I and II are true

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**Q12** General Intelligence and Reasoning

If

× means 'division'

− means 'addition'

÷ means 'subtraction' and

+ means 'multiplication',

then what will be the value of the expression $17 \div 17 + 21 \times 7 - 13 = ?$

A. −23

B. 23

C. 21

D. −21 ✓

**Q13** General Intelligence and Reasoning

If we add 5 to each of the following numbers and then write the digits in each number in reverse order and then arrange the numbers in ascending order, the position of how many numbers will NOT change?

224, 637, 816, 471, 303

A. Zero

B. One ✓

C. Two

D. Three

**Q14** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

UPR: YTV
LZB: PDF

A. BHU: CJS

B. MKN: QOR ✓

C. MSO: NPA

D. TGH : XII

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**Q15** General Intelligence and Reasoning

The following table shows the marks scored by A, B, C and D in four subjects i.e., Mathematics, Hindi, English and Science. Marks given are out of 100. Study the table and answer the question.

| Subject / Student ↓ → | A | B | C | D |
|---|---|---|---|---|
| Mathematics | 90 | 85 | 83 | 78 |
| Hindi | 86 | 78 | 74 | 82 |
| English | 75 | 74 | 70 | 74 |
| Science | 92 | 88 | 64 | 70 |

What is the ratio of 'the sum of the marks scored by A in Hindi and B in English' to 'the sum of the marks scored by C in English and D in Science'?

A. 8 : 7 ✓

B. 5 : 6

C. 5 : 7

D. 7 : 6

**Q16** General Intelligence and Reasoning

Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

**Statement:**

The most popular OTT platform (providing TV and film content over the internet) in country C - 'StreamOn' has recently signed a contract with five of the major film producers to release their movies in theatres and on 'StreamOn' together and on the same date from January 2023 onwards.

Which of the following can be concluded from the given information?

I. The number of tickets sold by theatres will decrease to some extent in 2023.

II. Each of the five film producers release at least one movie each year.

A. Only I can be concluded from the given information. ✓

B. Only II can be concluded from the given information.

C. Both I and II can be concluded from the given information.

D. Neither I nor II can be concluded from the given information.

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**Q17** General Intelligence and Reasoning

Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north. Only three people sit between G and F. Only two people sit to the left of G. B is not an immediate neighbour of F. B sits second to the right of D. C sits to the immediate right of E. Who sits at the extreme left end of the row?

A. D

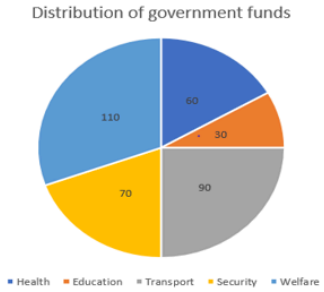
B. C

C. G

D. A ✓

**Q18** General Intelligence and Reasoning

The following pie chart shows funds spent by the government on various public activities. All the values are given in crores. Study the pie chart and answer the question.




What is the sum of the 'difference between the funds spent on security and education' and the 'funds spent on health' (in crores)?

A. 80

B. 90

C. 100 ✓

D. 120

**Q19** General Intelligence and Reasoning

Select the combination of letters that when sequentially placed from left to right in the same sequence in the blanks of the given series, will complete the series.

S L _ _ G S _ _ N G _ _ A N G

A. A L N A S L

B. A N L A S L ✓

C. L A N A L S

D. A L A N L S

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**Q20** General Intelligence and Reasoning

Sheetal steps out of her house and walks 160 m towards the north. She takes a left turn and walks 60 m. She takes a left turn again and walks 120 m. She takes another left turn and walks 130 m. Finally, she takes right turn and walks 40 m to reach a café. How far and in which direction is the café from Sheetal's house? (All turns are 90 degree turns only)

A. 70 m, East ✓

B. 70 m, West

C. 60 m, East

D. 60 m, West

**Q21** General Intelligence and Reasoning

If '+' means ' ÷ ', '−' means ' + ', '×' means ' − ' and '÷' means ' × ', then what will be the value of the following expression?

$[\{(19 \times 12) - (2 \div 4))\} + (2 - 3)] \div 2$

A. 8

B. 4

C. 12

D. 6 ✓

**Q22** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

53, 58, 51, 56, 49, 54, 47, 52, 45, 50, 43, 48, ?

A. 43

B. 55

C. 41 ✓

D. 53

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**Q23** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

17 : 26 :: 5 : 14 :: 22 : ?

A. 37

B. 35

C. 33

D. 31 ✓

**Q24** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. S is seventh to the right of L. K is third to the right of J. L is third to the right of K. If no other person is sitting in the row, what is the total number of persons seated?

A. 14 ✓

B. 15

C. 16

D. 17

**Q25** General Intelligence and Reasoning

In a certain code language, 'COUNT' is written as 'ESAVD' and 'FIBRE' is written as 'HMHZO'. How will 'GIANT' be written in that language?

A. PMJKR

B. IDGBY

C. IMGVD ✓

D. KMRPD

**Q26** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word BACKFIRE is arranged in the reverse alphabetical order?

A. Zero ✓

B. Three

C. Four

D. Five

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**Q27** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

30, 35, 40, 43, 46, 51, ?

A. 57

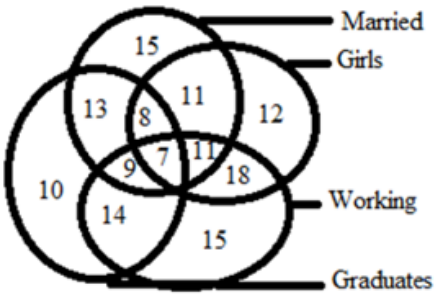
B. 55

C. 56 ✓

D. 58

**Q28** General Intelligence and Reasoning

Study the given Venn diagram and answer the question that follows.




How many married girls are graduates but NOT working?

A. 9

B. 11

C. 8 ✓

D. 7

**Q29** General Intelligence and Reasoning

A, B, C, D, E, F, G and H were sitting around a square table, facing the centre. Some of them were sitting at the corners, while some were sitting at the exact centre of the sides. Only A was sitting between G and D. C was sitting fourth to the left of G. Only E was sitting between B and C. H was sitting to the immediate left of D. B was sitting second to the right of G. D is sitting at one of the corners. Who was sitting third to the right of D?

A. F ✓

B. C

C. B

D. E

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**Q30** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

Statements:

All paintings are arts

Some walls are doors

Some paintings are windows

Conclusions:

(I) Some arts are walls

(II) Some arts are windows

(III) Some paintings are doors

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Only conclusion III follows

D. None of the conclusions follow

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

If all the numbers given below are arranged in descending order, the position of how many numbers will remain unchanged?

295, 654, 653, 234, 345, 245, 634

A. 1 ✓

B. 2

C. 3

D. 4

**Q2** General Intelligence and Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and also '×' and '÷' are interchanged?

$16 \div 6 + 285 \times 3 + 73 - 630 \times 3 + 18 = ?$

A. 96

B. 110

C. 120 ✓

D. 84

**Q3** General Intelligence and Reasoning

In a certain code language, 'ORDER' is written as 'PTGIW' and 'BRAND' is written as 'CTDRI'. How will 'SHAPE' be written in that language?

A. DOIFJ

B. TJDTJ ✓

C. TJNCM

D. DPRNJ

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**Q4** General Intelligence and Reasoning

In a certain code language, 'I went home' is written as 'wrf ftg thy', 'you go home' is written as 'nui kjl thy' and 'I like you' is written as 'wrf wsc nui'. What is the code for the word 'like' in that language?

A. wsc ✓

B. nui

C. wrf

D. thy

**Q5** General Intelligence and Reasoning

83 persons are sitting in a row. Aru is sitting at the $27^{th}$ position from the left side of the row and Pihu is sitting at the $41^{st}$ position from the right side of the row. Ana is sitting exactly in the middle of Aru and Pihu. What is Ana's position from the left?

A. 33

B. 34

C. 35 ✓

D. 37

**Q6** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. All pots are jugs.
2. Some pans are pots.
3. Some pots are woks.

Conclusions:

I-Some jugs are pans.

II-Some woks are jugs.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both conclusions I and II follow. ✓

D. Neither conclusion I nor II follows.

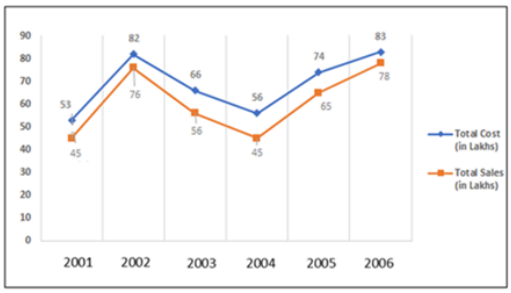
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**Q7** General Intelligence and Reasoning

Study the given graph and answer the question that follows.

The graph presents total cost and total sales values (in lakh) of a firm over six years.




In which of the years given below did the firm record highest loss percentage?

A. 2003

B. 2004 ✓

C. 2005

D. 2006

**Q8** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. A sits third to the right of C. Only four people sit between A and B. D sits second to the left of B. Only one person sits between B and F. E sits to the immediate right of F. If no other person is sitting in the row, what is the total number of persons seated?

A. 10

B. 12 ✓

C. 14

D. 11

**Q9** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$\sqrt{1025} + 98 \div 14 \times 4 - \sqrt{170} = ?$

A. 70

B. 60

C. 27

D. 47 ✓

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**Q10** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. B is taller than only three other friends. A is taller than E. D is taller than only one friend. C is taller than D but shorter than E. Who is the third shortest among all the friends?

A. C ✓

B. F

C. E

D. B

**Q11** General Intelligence and Reasoning

Select the correct conclusion that can be drawn from the given statements.

**Statements:**

1. $D \geq S$
2. $X < W$
3. $S = J$
4. $W > Y$
5. $X > D$
6. $Y \leq O$

A. $D \geq J$ ✓

B. $D = O$

C. $O > S$

D. $Y = J$

**Q12** General Intelligence and Reasoning

If 10 February 2002 is a Sunday, then what will be the day of the week on 17 March 2008?

A. Friday

B. Saturday

C. Sunday

D. Monday ✓

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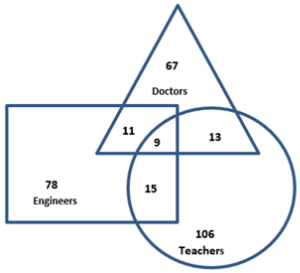
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**Q13** General Intelligence and Reasoning

Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of persons.

In the figure given below, the square represents Engineers, the triangle represents Doctors, and the circle represents Teachers.

How many engineers are there who are also teachers but not doctors?




A. 11

B. 106

C. 15 ✓

D. 78

**Q14** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

22 : 14 :: 14 : 10 :: 34 : ?

A. 26

B. 24

C. 22

D. 20 ✓

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**Q15** General Intelligence and Reasoning

Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

**Statement:**

The recent outbreak of the contagious virus G across country X had kept the nation worrying for months. However, the medicines used for yellow fever have been found to be effective in minimising the severity of the symptoms of virus G.

Which of the following can be concluded from the given information?

I. If a patient of virus G is given double the dose of the said medicine, they can be treated completely.

II. The symptoms caused by virus G and those caused by yellow fever are exactly the same.

A. Only I can be concluded from the given information.

B. Only II can be concluded from the given information.

C. Both I and II can be concluded from the given information.

D. Neither I nor II can be concluded from the given information. ✓

**Q16** General Intelligence and Reasoning

Six friends U, V, W, X, Y, and Z are sitting in a circular arrangement and all are facing outside the circle. W is sitting to the immediate left of X and is second to the right of Y. X is sitting to the immediate left of Z. V is not an immediate neighbour of W. Who among the following is sitting to the immediate left of U?

A. Y ✓

B. Z

C. V

D. W

**Q17** General Intelligence and Reasoning

Seven boxes C, D, E, F, G, H and I are kept one over the other but not necessarily in the same order. Only one box is kept between H and F in the same order. I is kept immediately above G. Only one box is kept between I and D. E is kept at one of the positions below D. H is kept immediately below D. How many boxes are kept between H and G?

A. 1 ✓

B. 2

C. 3

D. 4

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**Q18** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

1. Some reds are green.
2. All greens are yellow.
3. All yellows are pink.

**Conclusions:**

I. Some reds are yellow.

II. Some yellows are red.

III. All greens are pink.

A. Conclusions I and II follow

B. Conclusions I and III follow

C. Conclusions II and III follow

D. Conclusions I, II and III follow ✓

**Q19** General Intelligence and Reasoning

One morning Abhay started walking from his home. He walked 500 m toward the south and then turned to the right. After walking 300 m he turned to the left and walked 500 m. In which direction is he from his house now? (All turns are 90 degree turns only)

A. North

B. South

C. South-west ✓

D. North-east

**Q20** General Intelligence and Reasoning

Six people K, L, M, N, O and P are sitting around a circular table facing the center. Only two people are sitting between N and P. K and M are immediate neighbours of P. L and O are immediate neighbours of N. N is sitting at second place to the right of K. M is sitting to the immediate left of P and immediate right of L. Who is sitting third to the right of O?

A. L

B. N

C. M ✓

D. K

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**Q21** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

YZA : BAZ

MOP : NLK

A. JOB : QLX

B. TNE : GMW

C. TOP : HLK

D. HPE : SKV ✓

**Q22** General Intelligence and Reasoning

Study the following number arrangement and answer the question given below. All numbers given below are 2 digit numbers.

74 45 76 56 52 54 36 28 43 78 25 59 48 36 85 86 94 87

What will be 70% of the mean score of the numbers in this above series?

A. 57.50

B. 52.36

C. 44.80

D. 41.30 ✓

**Q23** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

110, 114, 106, 122, 90, ?

A. 127

B. 136

C. 154 ✓

D. 168

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**Q24** General Intelligence and Reasoning

Select the combination of letters and numbers that when sequentially placed from left to right in the same sequence in the blanks of the given series, will complete the series.

4 _ _ E 6 7 F _ _ 9 H I

A. 5DG8 ✓

B. 4EH8

C. D5H9

D. E4G9

**Q25** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

64, 32, 128, 64, 256, ?

A. 128 ✓

B. 192

C. 224

D. 284

**Q26** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) C 2 A 5 8 P ^ # 9 3 J 8 C % K P X R 3 5 4 $ % & R % (Right)

If all the numbers are dropped from the series, which of the following will be fifth from the left?

A. P

B. # ✓

C. C

D. $

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**Q27** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

40 : 45 :: 68 : 77 :: 104 : ?

A. 115

B. 117 ✓

C. 119

D. 121

**Q28** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

$25 - 18 \times 2 + 4 \div 7 = ?$

A. 2

B. 3

C. 4

D. 6 ✓

**Q29** General Intelligence and Reasoning

Sushma started walking towards the south. After 40 metres she turned right and walked for 15 metres. From there she turned right again and walked for 50 metres. Then she again turned to her right and walked for 15 meters. At last she followed the path which was an angle of 45° towards her left. In which direction is she walking now? (All turns unless specified are 90 degree turns only)

A. North-east

B. South-west

C. North-west ✓

D. South-east

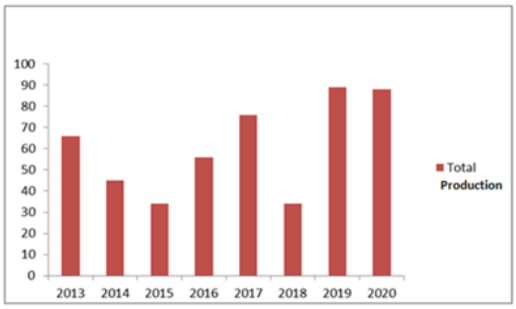
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**Q30** General Intelligence and Reasoning

Study the given graph and answer the question that follows.

The graph presents the total production of a company (in lakh tonnes) over the given years.




In which year did the company record maximum percentage increase in production as compared to the previous year?

A. 2014

B. 2016

C. 2018

D. 2019 ✓

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**Q1** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

375, 250, 186, 159, 151, ?

A. 145

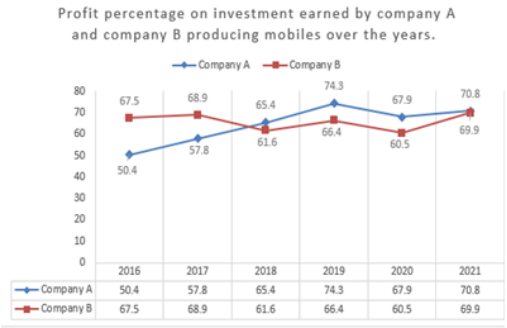
B. 146

C. 150 ✓

D. 148

**Q2** General Intelligence and Reasoning

Study the following graph carefully and answer the question.




If the amount of profit earned on investment by Company A in 2021, was ₹24.60 lakh, what was the total investment?

A. ₹34,47,576.92

B. ₹34,75,576.78

C. ₹34,74,576.27 ✓

D. ₹34,54,776.49

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**Q3** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(13, 8, 40)

(21, 16, 80)

A. 11, 5, 30

B. 15, 20, 50

C. 19, 14, 70 ✓

D. 17, 10, 60

**Q4** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

F15UN, L19AT, R23GJZ, X27MF,?

A. D31SL ✓

B. S31LD

C. D13SL

D. S13DL

**Q5** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

45, 61, 86, 122, ?

A. 171 ✓

B. 186

C. 172

D. 174

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**Q6** General Intelligence and Reasoning

Refer to the following letter, number and symbol series and answer the question.

(Left) 4 T 6 $ 2 A D & C E 2 4 + & 7 6 U 5 H U K 8 E W @ E A & P (Right)

If all the letters are dropped from the series, which of the following will be tenth from the left?

A. &

B. 6

C. +

D. 7 ✓

**Q7** General Intelligence and Reasoning

If × means ÷, – means ×, ÷ means + and + means -, what will come in place of the question mark (?) in the following equation?

$(12 - 17 \div 21) \times 15 + 9 = ?$

A. 6 ✓

B. 13

C. 17

D. 18

**Q8** General Intelligence and Reasoning

Reena and Meena are walking together. From the park they started walking towards the south. After walking for 50 metres they turned to their left and walked for 30 metres. After this they turned to the right and walked for 50 metres. Which direction is Reena facing now? (All turns are 90 degree turns only)

A. East

B. West

C. North

D. South ✓

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**Q9** General Intelligence and Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. B is kept third from the bottom. Only one box is kept between B and C. Only three boxes are kept between A and E. A is kept at one of the positions above E. F is kept immediately below D. How many boxes are kept between G and B?

A. 1

B. 2

C. 3 ✓

D. 4

**Q10** General Intelligence and Reasoning

Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

**Statement:**

Five of the biggest MNCs in country X have announced their hiring plan of the next eight years under which they plan to hire three times the number of MBA graduates than the usual number of MBA graduates hired every year.

Which of the following can be concluded from the given information?

I: All colleges offering MBA courses will double their fees from the next academic year.

II. The number of applicants in MBA courses in country X will increase to some extent in the coming few years.

A. Only I can be concluded from the given information.

B. Only II can be concluded from the given information. ✓

C. Both I and II can be concluded from the given information.

D. Neither I nor II can be concluded from the given information.

**Q11** General Intelligence and Reasoning

When Rajesh reached the toy shop he noted that he lost his brother Anoop in the market. He walked for 60 m to the east and then turned right and went 10 m. He then turned right again and walked for 10 m to look for his brother at the ice cream shop but his brother was not there. He then turned towards the north and walked for 10 m before he saw his brother in the street. In which direction is the toy shop from Rajesh's present position? (All turns are 90 degree turns only)

A. East

B. West ✓

C. North

D. South

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**Q12** General Intelligence and Reasoning

If 2 is subtracted from each odd digit and 1 is added to each even digit in the number 83752964, what will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

A. 12 ✓

B. 8

C. 16

D. 6

**Q13** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

3 : 12 :: 5 : 30 :: 9 : ?

A. 88

B. 90 ✓

C. 81

D. 99

**Q14** General Intelligence and Reasoning

On their anniversary Mr. and Mrs. Singh received five gift boxes. They numbered these boxes from one to five as and when they received them. In the evening they opened a box and found a pair of rings in it. They found a dinner set in an even numbered box. The first box sent by Mr. Singh's sister contained a photo collage and the box which was received as the last box contained a wind chime. They found a beautiful dress in an even numbered box. In which box did they receive a pair of rings?

A. 1

B. 3 ✓

C. 5

D. Either 3 or 5

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**Q15** General Intelligence and Reasoning

Participating in a race of 32 athletes, Mayank gained $12^{th}$ rank from the top. What is his position from the bottom?

A. 22

B. 20

C. 21 ✓

D. 23

**Q16** General Intelligence and Reasoning

15 PK is related to 225 SQ in a certain way. In the same way, 16 TQ is related to 256 WW. To which of the following is 14 OK related following the same logic?

A. 56 RQ

B. 198 RQ

C. 196 RQ ✓

D. 196 RR

**Q17** General Intelligence and Reasoning

B, C, D, E, F, G, H and I are eight nurses sitting in a straight row, facing north. G sits to the immediate right of D. Only B sits to the left of H. D sits second to the right of C. G sits second to the left of I. E and G are immediate neighbours. C and F are immediate neighbours. Who sits at the fourth position from the left end?

A. D

B. F ✓

C. G

D. C

**Q18** General Intelligence and Reasoning

Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north. Only three people sit between A and F. Only two people sit to the left of A. G is not an immediate neighbour of F. G sits second to the right of C. B sits to the immediate right of D. Who sits at the extreme left end of the row?

A. G

B. B

C. E ✓

D. A

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**Q19** General Intelligence and Reasoning

Refer to the following number, symbol series and answer the question.

7 4 & @ 3 4 % @ $ 4 @ 3 4 % 4 $ 5 * @ 4 3 4 5 * 3

How many symbols are there that are immediately followed by a number?

A. Eleven

B. Nine

C. Seven ✓

D. Ten

**Q20** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. All cats are dogs.
2. Some dogs are birds.
3. All bears are birds.

Conclusions:

I. Some bears are cats.

II. All birds are dogs is a possibility.

III. Some birds are cats.

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Only conclusion III is true

D. Only conclusion I and II are true

**Q21** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(left) 724 893 720 525 492 (right)

(Example: 246 – first digit = 2, second digit = 4, third digit = 6)

NOTE – All operations to be done from left to right.

What will be the resultant if the third digit of the largest number is added to the first digit of the smallest number?

A. 7 ✓

B. 9

C. 8

D. 10

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**Q22** General Intelligence and Reasoning

If each of the digits in the number 6287451 is arranged in ascending order from left to right, then the position of how many digits will remain unchanged as compared to that in the original number?

A. One ✓

B. Two

C. Three

D. Four

**Q23** General Intelligence and Reasoning

Read the given statements and conclusions carefully and decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

1. $M = L \geq G$
2. $O > G$
3. $I = O > Q$

**Conclusions:**

I. $L > O$

II. $M > Q$

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor conclusion II follows ✓

D. Both conclusions I and II follow

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## Q24 General Intelligence and Reasoning

In a certain code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

| Number/ Symbol | 2 | $ | 7 | @ | 4 | # | 9 | & | 1 | ! | 3 | * |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | T | D | C | R | G | B | Y | H | N | J | P | L |

**Conditions:**

I. If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

II. If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.

III. If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for !927$3 ?

A. PYYCDJ

B. JYGCDP

C. JGGCDP

D. PYTCDJ ✓

## Q25 General Intelligence and Reasoning

Study the given table and answer the question that follows.

The table presents the total number of employees as well as the number of employees who left various departments of a company over a period of four years.

| | 2001 | | 2002 | | 2003 | | 2004 | |
|---|---|---|---|---|---|---|---|---|
| Departments | Total Employees | Employees left | Total Employees | Employees left | Total Employees | Employees left | Total Employees | Employees left |
| **Sales** | 110 | 19 | 121 | 20 | 245 | 38 | 222 | 40 |
| **Production** | 245 | 37 | 224 | 45 | 432 | 50 | 345 | 38 |
| **HR** | 43 | 8 | 45 | 11 | 45 | 24 | 34 | 17 |
| **Marketing** | 423 | 65 | 423 | 92 | 511 | 80 | 500 | 99 |
| **Finance** | 44 | 4 | 45 | 9 | 45 | 30 | 56 | 22 |

In which year have more than 20% employees left the company in all the departments taken together?

A. 2003

B. 2004

C. 2002 ✓

D. 2001

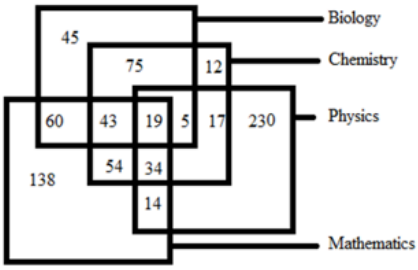
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**Q26** General Intelligence and Reasoning

Study the given Venn diagram and answer the question that follows.

The given Venn diagram presents the number of students taking various subjects in a college.




How many students are studying Physics but NOT studying Mathematics?

A. 230

B. 247

C. 252 ✓

D. 271

**Q27** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $A \geq C > D = B \leq F > G$

A. $D > G$

B. $A > D$ ✓

C. $C = G$

D. $A \leq F$

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## Q28 General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | 3 | 5 | & | @ | ? | 7 | < | # | 2 | % | ! | 4 | / | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | J | K | R | T | U | P | W | Y | M | V | C | X | D | S |

Conditions:

(i) If the first element is a symbol and the third a number, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last an even number, the first and the last elements are to be coded as Ø.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '/ 5 2 < @' be coded?

A. M R D W U

B. T K M W D

C. D K M W T

D. M K D W T ✓

## Q29 General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) R 5 $ 3 9 G C P $ E 2 # 8 @ M # 1 D Z 4 Q & (Right)

If all symbols are dropped from the series, which of the following will be fifth from the right?

A. D

B. 1 ✓

C. Z

D. M

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**Q30** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. Some toys are pianos.
2. Some pianos are white.
3. All white are guitars.

Conclusions:

I. Some white are toys.
II. Some guitars are toys.
III. Some guitars are pianos.

A. Only conclusion I is true

B. Only conclusion II is true

C. Only conclusion III is true ✓

D. Only conclusion I and II are true

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## Q1 General Intelligence and Reasoning

A school has four sections i.e. A, B, C, D in Class IX. The result of annual exams and half yearly exams for the students of these four sections is given in the following table. Study the table carefully and answer the question that follows.

| Result | No. of Students | | | |
|---|---|---|---|---|
| | Section A | Section B | Section C | Section D |
| Students failed in both exams | 27 | 25 | 23 | 26 |
| Students failed in half-yearly but passed in annual exams | 17 | 15 | 18 | 19 |
| Students passed in half-yearly but failed in annual exams | 6 | 8 | 9 | 7 |
| Students passed in both exams | 62 | 57 | 60 | 59 |

A student is declared pass if he passes in at least one of the two examinations (half-yearly/ annual). Which section has the maximum pass percentage?

A. Section A

B. Section B

C. Section C ✓

D. Section D

## Q2 General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

33, 36, 42, 51, 63,?

A. 79

B. 78 ✓

C. 80

D. 75

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**Q3** General Intelligence and Reasoning

Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.

S has the exam on Thursday. Only one person has the exam between S and V. Q has the exam on the day immediately before V but not on a Monday. Only two people have exams between Q and U. P's exam is on one of the days before T but on one of the days after R. Who among the following has the exam on Monday?

A. T

B. R ✓

C. P

D. Q

**Q4** General Intelligence and Reasoning

In the given letter-cluster triads, the letter-clusters in a particular triad are related following a certain logic. Study the given triads carefully and from the given options, select the triad that follows the same logic.

(ACE : BDF : CEG)

(SUW : TVX : UWY)

A. (ACF : BDE : CFH)

B. (SUW : TVX : YAC)

C. (QRS : TUV : WXY)

D. (KMO : LNP : MOQ) ✓

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**Q5** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

1 : 10 :: 3 : 18 :: 9 : ?

A. 79

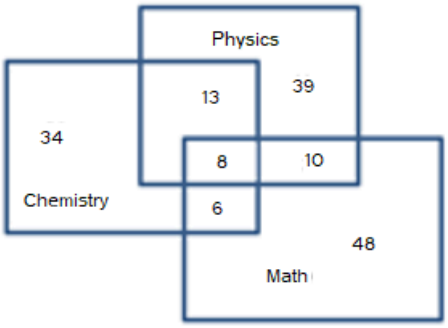
B. 42 ✓

C. 54

D. 71

**Q6** General Intelligence and Reasoning

The diagram given below represents those students who study Physics, Chemistry and Math. Find the number of students who study Physics and Chemistry but not Math.




A. 8

B. 6

C. 13 ✓

D. 10

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**Q7** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

Statements:

Few melons are bananas

No banana is a cherry

All cherries are litchis

Conclusions:

(I) Some litchis are not bananas

(II) All bananas are melons

(III) All litchis are cherries

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Only conclusion I and III follows

D. None of the conclusions follow

**Q8** General Intelligence and Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and also '×' and '÷' are interchanged?

$17 \div 5 + 216 \times 3 + 33 - 930 \times 3 + 28 = ?$

A. 232

B. 246

C. 222

D. 262 ✓

**Q9** General Intelligence and Reasoning

Refer to the following letter, symbol series and answer the question.

D & C N E ^ & G ^ Y % % @ G Y & I & * H K Z

How many consonants are there that are immediately preceded by a symbol?

A. Six

B. Eight

C. Four

D. Five ✓

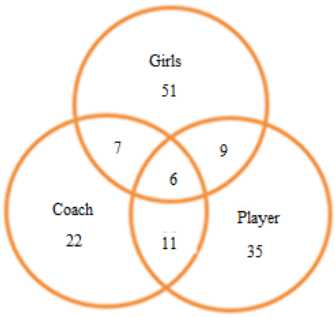
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**Q10** General Intelligence and Reasoning

Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of persons.

In the following Venn diagram, how many girls are there who are players but not coaches?




A. 7

B. 6

C. 9 ✓

D. 11

**Q11** General Intelligence and Reasoning

Gulshan drove his car for 77 km towards north, then he turned left and drove for 109 km. Again, he turned left and drove yet another 77 km. Again, he turned left, drove his car 127 km and stopped. What is the shortest distance between the starting point and the stopping point?

(All turns are 90 degree turns only)

A. 154 km

B. 127 km

C. 18 km ✓

D. 109 Km

**Q12** General Intelligence and Reasoning

Seven people are sitting in a straight row all facing towards north. E is not an immediate neighbour of M and N. N is also not an immediate neighbour of M. M is sitting 4th to the right of L. I is sitting on extreme right end of the row. N is sitting fourth to the left of B. P is sitting third to the left of M and second to the right of N. Who is sitting at extreme left end?

A. P

B. E

C. N ✓

D. I

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**Q13** General Intelligence and Reasoning

Select the term from among the given options that can replace the question mark (?) in the following series.

A3J5R, E6K6S, I9L7T, O12M8U, ?, A18O10W

A. U15N9V ✓

B. U15N9A

C. U15N10A

D. P15N9A

**Q14** General Intelligence and Reasoning

Refer to the following number-symbol series and answer the question that follows.

1 * 2 9 8 4 ! ^ 3 5 4 # 9 ! $ 3 ^ 1 3 & 9 6 8 $ * $ 9 3

How many such symbols are there that are immediately preceded by a number and immediately followed by a number?

A. 2

B. 3

C. 4 ✓

D. 6

**Q15** General Intelligence and Reasoning

Refer to the following letter, symbol series and answer the question.

D & C N ^ E G ^ Y T % @ G R I & * H K & Z $ P * ^

How many consonants are there that are immediately preceded by a consonant and immediately followed by symbol?

A. Four

B. Two

C. Six

D. Three ✓

**Q16** General Intelligence and Reasoning

Amongst six friends G, H, I, J, K and L, each has a different height. G is taller than only two other friends. I is shorter than only one friend. K is shorter than G but taller than J. H is shorter than L. Who is the shortest among all the friends?

A. K

B. J ✓

C. L

D. G

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**Q17** General Intelligence and Reasoning

In a code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

| Number/ Symbol | 2 | $ | 7 | @ | 4 | # | 9 | & | 1 | ! | 3 | * |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | T | D | C | R | G | B | Y | H | N | J | P | L |

**Conditions:**

i If the first element is a symbol and the last, a number, the codes for these two (the first and the last elements) are to be interchanged.

ii If the first element is an odd number and the last, an even number, the first and last elements are to be coded as ©.

iii If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for @4#3*9 ?

A. RGBPLY

B. YGBPLR ✓

C. RGCPLY

D. YGCPLR

**Q18** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

4 : 20 :: 15 : 240 :: 19 : ?

A. 380 ✓

B. 390

C. 391

D. 388

**Q19** General Intelligence and Reasoning

Pole E is to the east of pole R. Pole G is to the west of pole R and north of pole A. Pole T is to the south of pole A. What is the position of pole R with respect to pole A?

A. North

B. North-east ✓

C. North-west

D. South-east

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**Q20** General Intelligence and Reasoning

Given below is a statement followed by two possible underlying assumptions I and II. Read the information carefully and select the correct option.

**Statement**:

As per reports by International recruiters, around 25% of the candidates are rejected just on the basis of insufficient data in their CVs or due to the format of the CVs auto-created by some websites.

Which of the following can be assumed from the given statement?

I. CVs manually created by job seekers have more chances of being viewed / selected than auto created CVs.

II. No criteria other than insufficient information and formatting results in rejection of CVs.

A. Only I can be assumed ✓

B. Only II can be assumed

C. Both I and II can be assumed

D. Neither I nor II can be assumed

**Q21** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$4.99 \div .99 - 4.01 \times 2 + 3.59 = ?$

A. 5

B. 3

C. 2

D. 1 ✓

**Q22** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 577 534 249 842 718 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

If 2 is added to the second digit of every number, in how many numbers will the second digit be exactly divided by the first digit of that number?

A. 1

B. 2 ✓

C. 3

D. 4

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**Q23** General Intelligence and Reasoning

Each of D, E, F, G, H, I and J has a football match to participate on a different day of a week, starting from Monday to Sunday of the same week. E has a match on the day immediately after I. G has a match immediately after H. J has a match immediately after E, but not on Sunday. D has a match on Wednesday. Who among the following has a match on Sunday?

A. H

B. F ✓

C. G

D. E

**Q24** General Intelligence and Reasoning

In a certain code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

| Number/ Symbol | * | 1 | & | 2 | > | 3 | ^ | 4 | % | 5 | $ | 11 | # | 6 | @ | 7 | ! | 8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | Q | A | Z | X | S | W | E | D | C | V | F | R | T | G | B | N | H | Y |

**Conditions:**

I. If the first element is an odd number and the last also is an odd number, the code for the first element will be P and for the last element will be K.

II. If the last two elements are numbers the codes for these two are to be interchanged.

III. If the first two elements are symbols, both these elements will be coded as UU.

What will be the code for **3$7%68** ?

A. PFNCGK

B. WFNCYG ✓

C. WFNCGY

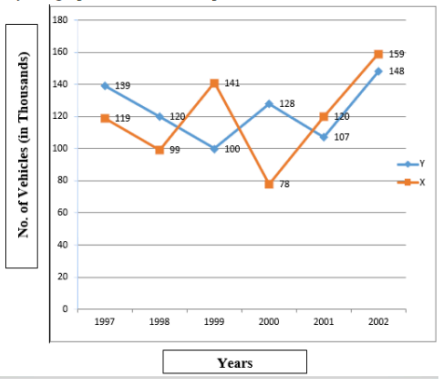
D. WUNCYG

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## Q25 General Intelligence and Reasoning

The number of vehicles caught for speeding in different years in two cities X and Y are shown in the following graph.
Study the graph and answer the question.




Which city has more total number of vehicles which are caught speeding between the years 1998 – 2001? In which year, the difference in the number of vehicles caught between the two cities is maximum?

A. X, 2000

B. X, 1999

C. Y, 1999

D. Y, 2000 ✓

## Q26 General Intelligence and Reasoning

Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north. Only three people sit between B and D. Only two people sit to the left of B. F is not an immediate neighbour of D. F sits second to the right of G. A sits to the immediate right of E. Who sits at the extreme left end of the row?

A. G

B. B

C. C ✓

D. D

## Q27 General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

5, 12, ?, 96, 285, 852

A. 56

B. 48

C. 33 ✓

D. 27

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**Q28** General Intelligence and Reasoning

Five boxes A, B, C, D and E are kept one over the other but not necessarily in the same order. A is kept third from the bottom. Only one box is kept between A and B. There are only three boxes between D and B. C is placed immediately above B. How many boxes are placed between A and D?

A. 0

B. 1 ✓

C. 2

D. 3

**Q29** General Intelligence and Reasoning

Amongst six friends B, I, H, J, O and U, each has a different height. H is taller than only four other friends. O is taller than only one friend. B is taller than U but shorter than J. J is not the tallest. Who is the shortest among all the friends?

A. H

B. I

C. U ✓

D. B

**Q30** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$7.98 - (6.064 + 6.003 \div 6.003) + 2.003 - 1.02 = ?$

A. 8

B. 12

C. 2 ✓

D. 22

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

IGE : QOM :: YWU : GEC

A. PNM : UTS

B. PQR : MLK

C. NLJ : VTR ✓

D. ONL : XWU

**Q2** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

1. Some men are gentle.
2. Some gentle are lovers.
3. All lovers are committed.

Conclusions:

I. No committed is lover.

II. Some gentle are committed.

III. Some committed are men.

A. Only conclusions I follows

B. Only conclusions II follows ✓

C. Conclusions II and III follow

D. Conclusions I and II follow

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**Q3** General Intelligence and Reasoning

If '+' means '−', '−' means '+', '×' means '÷', and '÷' means '×', what will come in place of the question mark (?) in the following equation?

$30 - 7 \div 2 + 15 \times 3 = ?$

A. 35

B. 38

C. 39 ✓

D. 42

**Q4** General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a circular table facing the centre. H is second to the left of E and third to the right of C. F is third to the right of B, who is an immediate neighbour of D. E is third to the left of C. A is second to the left of B and second to the right of G. Who among the following is an immediate neighbour of C and G (both)?

A. D

B. F ✓

C. H

D. A

**Q5** General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) from the statement(s).

Statement:

$M \leq A \geq K \geq C \geq E < R$

Conclusions:

I. $E < A$

II. $A = E$

A. Only conclusion I follows

B. Only conclusion II follows

C. Either conclusion I or II follows ✓

D. Neither conclusion I nor II follows

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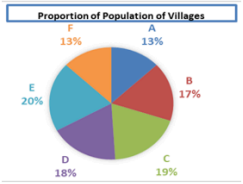
## Q6 General Intelligence and Reasoning

Study the following pie-chart and the table and answer the question based on them.

**Table : Percentage of population below poverty line in six villages in 2021**

| Village | Percentage of population below poverty line |
|---|---|
| A | 30% |
| B | 34% |
| C | 32% |
| D | 28% |
| E | 27% |
| F | 36% |

**Pie Chart: Proportion of population of villages in 2021**




If the population of village D in 2021 is 70,200, then what will be the population of village F below poverty line in that year?

A. 19,656

B. 18,252 ✓

C. 17,560

D. 16,254

## Q7 General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) and complete the given alpha-numeric series?

*Y35, T55, P80, M115, ?*

A. K170 ✓

B. L170

C. K160

D. K150

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**Q8** General Intelligence and Reasoning

Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

**Statement:**

In 2021, the government of country M regulated the fishing industry by announcing that each fisherman can take their boat for fishing only once a day.

Which of the following can be concluded from the given information?

I. The sale of fishing boats in country M will double in the coming years.

II. Fishermen with bigger boats will benefit more from this regulation as compared to those who have smaller boats.

A. Only I can be concluded from the given information.

B. Only II can be concluded from the given information. ✓

C. Both I and II can be concluded from the given information.

D. Neither I nor II can be concluded from the given information.

**Q9** General Intelligence and Reasoning

Which of the following two numbers should be interchanged to make the following equation correct?

$35 \times 13 \div 7 + 9 - 14 = 44$

A. 35 and 14

B. 13 and 7

C. 9 and 13 ✓

D. 7 and 9

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**Q10** General Intelligence and Reasoning

In this question, a group of numbers is coded using letters/symbols as per the table given below, and the conditions that follow. The correct combination of codes following the conditions is your answer.

| Number/Digit | 3 | 2 | 1 | 6 | 5 | 4 | 9 | 8 | 7 |
|---|---|---|---|---|---|---|---|---|---|
| Code | @ | A | # | S | $ | F | % | G | & |

Conditions:

1. If the first as well as the last digit is odd, both are to be coded as =.
2. If the first as well as the last digit is even, their codes are to be swapped.

What will be the code for 8546372?

A. ASFS&@G

B. GSFS@&A

C. GSF@S&A

D. ASFS@&G ✓

**Q11** General Intelligence and Reasoning

Deepak rode his bicycle in the north direction from a point A to reach point B, then turned left and rode 3 km to reach point C and again turned left and rode 4 km to reach point D. He found himself 3 km west of his starting point. How far did he ride from point A to point B?

(All turns are 90 degree turns only)

A. 10 kms

B. 7 kms

C. 5 kms

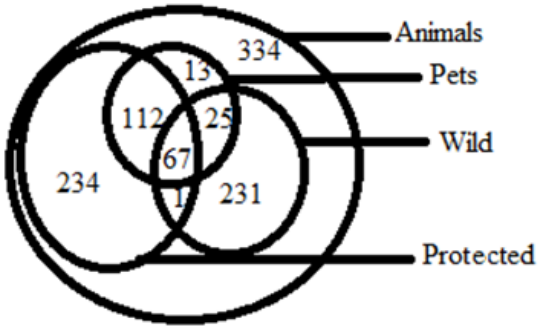
D. 4 kms ✓

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**Q12** General Intelligence and Reasoning

Study the Venn Diagram given below and answer the question that follows.




How many animals are pets but not protected?

A. 67

B. 25

C. 13

D. 38 ✓

**Q13** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

22, 21, 24, 19, 26, 17, 28, 15, ?

A. 32

B. 2

C. 30 ✓

D. 34

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**Q14** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some caps are headbands.
2. All headbands are hats.
3. Some berets are hats.

Conclusions:

I-Some caps are hats.

II-Some hats are berets.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both conclusions I and II follow. ✓

D. Neither conclusion I nor II follows.

**Q15** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(4, 24)

(11, 143)

A. (9, 102)

B. (7, 42)

C. (2, 8) ✓

D. (5, 40)

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**Q16** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below, and the conditions that follow. The correct combination of codes following the conditions is your answer.

| Number/Digit | 2 | 5 | 8 | 1 | 4 | 7 | 3 | 6 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| Code | A | S | D | G | H | J | K | L | R |

Conditions:

1. If the first and last digit are odd, both are to be coded as L.
2. If the first and last digit are even, both are to be coded as Z.

What will be the code for 564783?

A. SLHJDK

B. LLHJKL

C. SLHJDL

D. LLHJDL ✓

**Q17** General Intelligence and Reasoning

A, B, C, D and E live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 5.

B lives on an even numbered floor but not on floor number 4. Only two people live between A and E. C lives immediately below A. Who lives on floor number 5?

A. D ✓

B. C

C. A

D. E

**Q18** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below:

(Left) 478 635 316 253 675 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE - All operations to be done from left to right.)

What will be the resultant if the second digit of the largest number is added to the first digit of the smallest number?

A. 10

B. 6

C. 8

D. 9 ✓

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**Q19** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) K & ^ 5 G T S P T & B 4 @ 3 # 1 A 3 P H 9 L (Right)

If all symbols are dropped from the series, which of the following will be ninth from the right?

A. B

B. T

C. 4 ✓

D. 3

**Q20** General Intelligence and Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. D is kept third from the bottom. Only one box is kept between C and D. Only three boxes are kept between B and F. B is kept at one of the positions above F. A is kept immediately below G. How many boxes are kept between D and E?

A. 1

B. 2

C. 3 ✓

D. 4

**Q21** General Intelligence and Reasoning

Study the given alphanumeric symbol series carefully and answer the question based on it.

P 5 & 8 V O 9 # T 6 H $ 7 F W * 1 L N 4 ? 2 / C U Q ! J 3 > A

If all the odd numbers are dropped from the above series, then find the product of the numbers that come between the third consonant from the right end and &.

A. 256

B. 246

C. 192

D. 384 ✓

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**Q22** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. C sits fourth to the right of D. E sits third to the right of C. B sits third to the left of D. There are only two persons between E and A. If no other person is sitting in the row, what is the total number of persons seated?

A. 16

B. 10

C. 14 ✓

D. 18

**Q23** General Intelligence and Reasoning

Eight friends A, B, C, D, E, F, G, and H are sitting around a square table. Four persons are sitting at the corners and the other four are sitting in the middle of each side. They all are facing towards the centre of the table. E is sitting second to the left to F. A is sitting somewhere to the left of B and B is sitting third to the left of F. G is an immediate neighbour of both A and B. C is sitting to the immediate left of F. F is sitting to the immediate left to D. Who is sitting second to the left of H?

A. D

B. F ✓

C. B

D. E

**Q24** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question that follows.

(Left) Ω R 7 & S ∞ 5 ! D @ 4 Y 3 D # W A 6 & F O 7 % D C (Right)

How many such symbols are there in the above series, each of which is immediately preceded by a letter and immediately followed by a number?

A. Zero

B. One

C. Two ✓

D. Three

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**Q25** General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) from the statement(s).

Statements:

$I < N < S = R \geq O > M; N > C$

Conclusions:

I. $N < M$

II. $O \geq N$

A. Either conclusion I or II follows

B. Neither conclusion I nor II follows ✓

C. Only conclusion I follows

D. Only conclusion II follows

**Q26** General Intelligence and Reasoning

Raghav starts from Point A and drives 20 km towards the north. He then takes a right turn, drives 40 km, turns right and drives 50 km. He then takes a right turn and drives 120 km. He takes a final right turn, drives 30 km and stops at Point P. How far and towards which direction should he drive in order to reach Point A from Point P in a straight line? (All turns are 90 degree turns only)

A. 80 km towards the west

B. 100 km towards the west

C. 80 km towards the east ✓

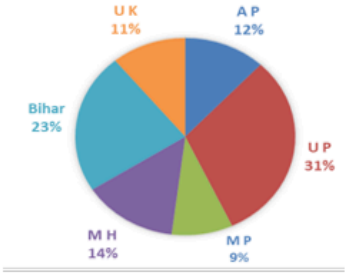
D. 120 km towards the south

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**Q27** General Intelligence and Reasoning

The following pie-chart shows the population distribution in different States in 2019.
Study the following pie-chart and answer the question based on it.




If the total population of the given states is 44,94,000, and male-female ratio is 3 : 2 in UP, what was the number of males in UP in the year 2019?

A. 8,65,478

B. 8,45,623

C. 8,35,884 ✓

D. 8,21,478

**Q28** General Intelligence and Reasoning

If 1 is subtracted from each odd digit and 2 is added to each even digit in the number 6249729, what will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 6

B. 8 ✓

C. 10

D. 12

**Q29** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

82, 23, 69, 30, 56, 37, 43, 44, 30, ?

A. 51 ✓

B. 37

C. 27

D. 55

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**Q30** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

13 : 195 :: 2 : 8 :: 12 : ?

A. 24

B. 180

C. 48

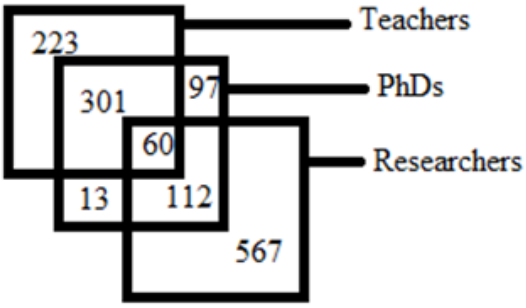
D. 168 ✓

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**Q1** General Intelligence and Reasoning

Study the Venn Diagram given below and answer the question that follows.




How many PhDs are neither teachers nor researchers?

A. 110 ✓

B. 112

C. 60

D. 301

**Q2** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(13, 9, 5)

(14, 11, 8)

A. (18, 26, 36)

B. (22, 19, 16) ✓

C. (14, 10, 12)

D. (22, 32, 24)

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**Q3** General Intelligence and Reasoning

Eight coloured boxes are kept in an almirah having eight shelves. Only one box is kept on one shelf. The lower most shelf is numbered one and the uppermost shelf is numbered eight. There are only two boxes kept above the blue box. The brown box is kept between the black and the blue box. Six boxes are kept below the green box. The orange box is kept on an odd numbered shelf. The yellow box is kept just above the white box and is somewhere below the red box.

Which box is kept on the lowermost shelf?

A. White ✓

B. Red

C. Yellow

D. Blue

**Q4** General Intelligence and Reasoning

Which two signs should be interchanged to make the following equation correct?

$33 + 4 \times 21 \div 3 - 17 = 122$

A. + and × ✓

B. + and −

C. − and ×

D. ÷ and −

**Q5** General Intelligence and Reasoning

If all the numbers given below are arranged in ascending order, the position of how many numbers will remain unchanged?

246, 247, 548, 845, 346, 578, 145

A. 1 ✓

B. 2

C. 3

D. 4

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**Q6** General Intelligence and Reasoning

Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

AZ – CX – GT

XC – ZA – DW

A. TH – VE – ZA

B. MN – OM – SH

C. DW – FU – JQ ✓

D. PK – RI – WD

**Q7** General Intelligence and Reasoning

Gaganpreet started walking towards the north from his school. After walking for 6 metres he turned left and walked further 8 metres to reach his home. In which direction is his school from his home? (All turns are 90 degree turns only)

A. North-west

B. South-east ✓

C. South-west

D. North-east

**Q8** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements**:

Some mats are figs.

All figs are clips.

No clip is a stand.

**Conclusions:**

I. All mats being stands is a possibility.

II. Some clips are mats.

A. Both conclusions I and II follow

B. Only conclusion II follows ✓

C. Only conclusion I follows

D. Neither conclusion I nor II follows

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**Q9** General Intelligence and Reasoning

Six boxes of different food items are kept in a row on the dining table. The box with toffees is kept at one end. There are three boxes kept between the box with toffees and the box with chocolates. The box with ice cream is not kept with the toffee box or the fruit-jam box. Cookies and pancakes boxes are kept with the ice cream box. Which of the following box is kept at an end?

A. Fruit-jam ✓

B. Chocolates

C. Pancake

D. Cookies

**Q10** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(20, 16, 8)

(13, 20, 23)

A. (32, 27, 18) ✓

B. (13, 16, 13)

C. (14, 18, 16)

D. (19, 18, 21)

**Q11** General Intelligence and Reasoning

Amongst six friends P, Q, R, S, T and U, each has a different height. T is taller than only two other friends. R is shorter than only one friend. P is shorter than T but taller than S. Q is shorter than U. Who is the third tallest among all the friends?

A. T

B. U

C. Q ✓

D. R

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**Q12** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

15, 18, 27, 54, 135, ?

A. 367

B. 368

C. 378 ✓

D. 398

**Q13** General Intelligence and Reasoning

Each vowel in the word 'EXACTLY' is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

A. W

B. B ✓

C. S

D. K

**Q14** General Intelligence and Reasoning

Among six friends, A, B, C, D, E and F, each with a different height, B is taller than D but shorter than E. C is shorter than E. A is taller than F. D and E are shorter than C and A, respectively. E is shorter than A and F. Who among the six friends is the tallest?

A. F

B. E

C. C

D. A ✓

**Q15** General Intelligence and Reasoning

Refer to the following number series and answer the question.

7 2 9 6 3 8 3 8 7 2 3 2 7 3 2 2 1 3 3 9 9 7 4 2 9 3 0 9

Find the sum of number of occurrences of 2s and number of occurrences of 3s in the given series.

A. 8

B. 10

C. 12

D. 13 ✓

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**Q16** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 634 145 317 534 621 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

What will be the resultant if the third digit of the largest number is added to the second digit of smallest number?

A. 4

B. 8 ✓

C. 9

D. 7

**Q17** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

FUR37, LAX43, RGD49, XMJ55, ?

A. PDS63

B. DPS61

C. DSP61 ✓

D. PSD63

**Q18** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. Some students are males.
2. Some males are sincere.
3. All sincere are honest.

Conclusions:

I. Some honest are males.

II. All males are students is a possibility.

III. Some sincere are not students.

A. Only conclusion I is true

B. Only conclusion II is true

C. Only conclusion III is true

D. Only conclusion I and II are true ✓

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**Q19** General Intelligence and Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and also '×' and '÷' are interchanged?

$10 \div 5 + 144 \times 12 + 13 - 45 \times 9 + 12 = ?$

A. 16

B. 18 ✓

C. 20

D. 22

**Q20** General Intelligence and Reasoning

If in a code language, THINE is written as SGHMD and ISLAND is written as HRKZMC, how will DYNAMIC be written in that language?

A. CXMZLHB ✓

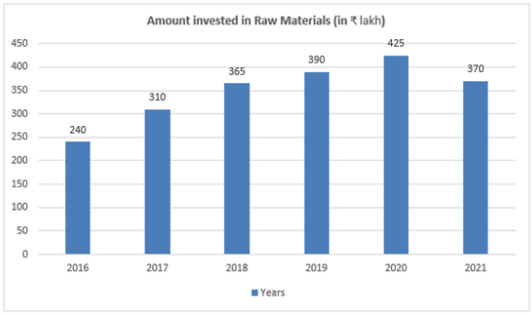
B. EZNBMCI

C. FGTRDVN

D. JUHGTRD

**Q21** General Intelligence and Reasoning

The following bar chart shows the amount invested by a company in raw material over the duration of six years. Study the bar chart and answer the question based on it.




The sum of amount invested in raw materials in 2016 and 2021 was what percentage of the sum of the amount invested in raw materials in the year 2018 and 2020?

A. 77.22% ✓

B. 78.36%

C. 79.56%

D. 79.98%

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**Q22** General Intelligence and Reasoning

Satheesh starts from a bus-stand and travels 6 km towards the north. He then takes a right turn, travels 2 km, turns right and travels 11 km. He then takes a right turn and travels 5 km. He takes a final right turn, travels 3 km and stops at a junction. In which direction is the bus-stand with respect to the junction? (All turns are 90° turns only.)

A. North-east ✓

B. North

C. South

D. South-west

**Q23** General Intelligence and Reasoning

Given below is a statement followed by two possible underlying assumptions I and II. Read the information carefully and select the correct option.

**Statement**:

Extracts of plant C have been found useful in treating an earlier fatal disease. Although plant C, once imported, can be grown on any moist soil, most pharma companies in country Y are still choosing synthetic substitutes over using natural extracts.

Which of the following can be assumed by the given statement?

I. Unlike the case in all other countries, in Country Y, production of this synthetic substitute is substantially cheaper than growing Plant C.

II. The effect of a synthetic substitute is not drastically different from the plant extract.

A. Only I can be assumed

B. Only II can be assumed ✓

C. Both I and II can be assumed

D. Neither I nor II can be assumed

**Q24** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

25, 23, 29, 28, 33, 33, ?

A. 34

B. 38

C. 35

D. 37 ✓

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**Q25** General Intelligence and Reasoning

From the numbers 583, 459, 687, 754 and 853,, which of the following will be the lowest number, if in each number, all the 8s and 5s are replaced with 2 and 1, respectively?

A. 853

B. 583 ✓

C. 687

D. 459

**Q26** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/Symbol | 4 | 5 | 9 | # | $ | % | 6 |
|---|---|---|---|---|---|---|---|
| Codes | S | D | M | U | T | L | A |

Conditions:

(i) If the first element is an even number and the last element is an odd number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the second element is an even number and the fifth element is a symbol, the codes for these two (the second and the fifth elements) are to be interchanged.

(iii) If the fourth element is a number and the sixth element is a symbol, both these elements (the fourth and the sixth elements) are to be coded as G.

Question: 4 5 $ 9 4 % # 6

A. A D T G S G U S

B. S D T G S G U A ✓

C. S S T G D G U A

D. S D T M L G U A

**Q27** General Intelligence and Reasoning

Rakesh and Raman have their houses in an eight-storeyed building. The lower most floor of the building is numbered as one and the top most floor is numbered as eight. Rakesh's house is just above Raman's floor. Every Day Raman has to go three floors down to drop his son to school which is nearby. On which floor Rakesh Lives?

A. $4^{th}$

B. $5^{th}$ ✓

C. $6^{th}$

D. $3^{rd}$

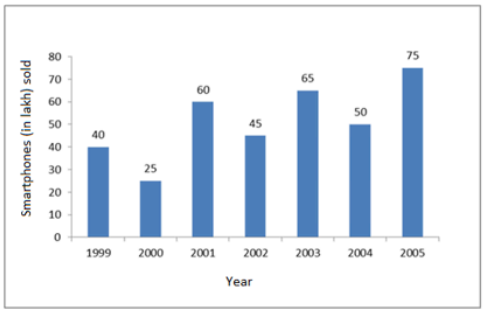
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**Q28** General Intelligence and Reasoning

Study the given graph and answer the question that follows.

The graph presents smartphones (in lakh) sold by a company during the years 1999 to 2005.




What was the approximate percentage increase in the smartphone sales of the company from 2002 to 2003?

A. 48%

B. 44% ✓

C. 42%

D. 39%

**Q29** General Intelligence and Reasoning

I, J, K, L, M, N and O are sitting along a circle facing at the centre and are playing cards. M is the immediate neighbour of I and L. J is second to the left of O. N is on the immediate right of I. What is the position of N?

A. 2nd to the right of K

B. To the immediate left of J ✓

C. 2nd to the left of L

D. 3rd to the right of O

**Q30** General Intelligence and Reasoning

Five friends V, W, X, Y, and Z are eating dinner around a circular dining table, facing the centre. X is an immediate neighbour of both Z and W. V is sitting to the immediate left of W. Y is sitting second to the left of W. Who is sitting to the immediate left of X?

A. Z

B. W ✓

C. V

D. Y

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**Q1** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

21, 22, 26, 35, 51, 76, ?

A. 140

B. 114

C. 112 ✓

D. 110

**Q2** General Intelligence and Reasoning

E, F, G, H, I and J live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 6.

G lives on the lowermost floor. Only J lives between the floors occupied by H and I. E lives on floor number 2. F lives on an even numbered floor, with I as an immediate neighbour. Who lives on floor number 4?

A. F

B. J ✓

C. H

D. I

**Q3** General Intelligence and Reasoning

Amongst six friends C, V, Z, N, X and B, each has a different height. Z is taller than only four other friends. N is taller than only one friend. X is taller than B but shorter than V. V is not the tallest. Who is the tallest among all the friends?

A. N

B. X

C. B

D. C ✓

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**Q4** General Intelligence and Reasoning

If the first and third digits of each number are interchanged and then the numbers are arranged in descending order, the position of how many numbers will NOT change?

7451, 3254, 7353, 3464, 1958

A. Three

B. Two

C. One

D. Zero ✓

**Q5** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(4, 6, 8)

(6, 9, 12)

A. (8, 12, 16) ✓

B. (5, 30, 10)

C. (2, 12, 8)

D. (18, 18, 16)

**Q6** General Intelligence and Reasoning

Raghav starts from Point A and drives 10 km towards the north. He then takes a right turn, drives 4 km, turns right and drives 13 km. He then takes a right turn and drives 7 km. He takes a final right turn, drives 3 km and stops at Point P. How far and towards which direction should he drive in order to reach Point A from Point P? (All turns are 90 degree turns only)

A. 3 km towards the west

B. 3 km towards the east ✓

C. 4 km towards the east

D. 5 km towards the north

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**Q7** General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the middle of the sides. G sits third to the left of D. G sits at one of the corners. B sits second to the right of A. A does not sit at any of the corners. A is not an immediate neighbour of G. H is an immediate neighbour of C. H does not sit at any of the middle of the sides. Only three people sit between H and F.
Who sits third to the left of E?

A. F

B. B

C. D

D. C ✓

**Q8** General Intelligence and Reasoning

Each of the digits in the number 8132475 is arranged in descending order from left to right. what will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

A. 9

B. 2

C. 5

D. 7 ✓

**Q9** General Intelligence and Reasoning

In a certain code language, ELDERLY is written as DLEEYLR, and GENERAL is written as NEGELAR. How is NUCLEAR written in that language?

A. UCNRLEL

B. CULNREA

C. UCNLARE

D. CUNLRAE ✓

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**Q10** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. Lalit sits fourth to the left of Purnima. Lalit is third from the left end. Leela is eleventh from the right end and an immediate neighbour of Lalit. Only four people sit between Sheetal and Lalit. Only four people sit between Sheetal and Neena. How many people are sitting in the row?

A. 14 ✓

B. 23

C. 33

D. 18

**Q11** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

1. No Boy is a Singer.
2. All Singers are Musicians.
3. All Musicians are Actors.

**Conclusions:**

I. All Musicians cannot be Boys.

II. All Boys are Actors.

III. No Actor is a Boy.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Conclusions II and III follow

D. Conclusions I and II follow

**Q12** General Intelligence and Reasoning

Five persons, P, Q, R, S and T travelled in different months of the same year viz. January, February, March, April and May.

P travelled in February. Only one person travelled between P and R. Only three people travelled between S and Q. Q travelled in a month after R. Who among them travelled in January?

A. Q

B. S ✓

C. T

D. R

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**Q13** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 744 345 417 235 829 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

What will be the resultant if the second digit of the largest number is added to the third digit of smallest number?

A. 7 ✓

B. 14

C. 5

D. 12

**Q14** General Intelligence and Reasoning

In a certain code language, 'ALBUM' is written as 'CPHCW' and 'BOARD' is written as 'DSGZN'. How will 'CLEAR' be written in that language?

A. SDOIG

B. EPKIB ✓

C. PLEUV

D. EKNPS

**Q15** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $Q \geq W = E > R \leq T < Y$

A. $R < Y < T$

B. $Q = W = E$

C. $Q > R < Y$ ✓

D. $E > Y > T$

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**Q16** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

Statements:

All sofas are chairs

All chairs are benches

All benches are desks

Conclusions:

(I) Some desks are sofas

(II) All chairs are sofas

(III) No chair is a sofa

A. Only conclusion I follows ✓

B. Only conclusion II follows

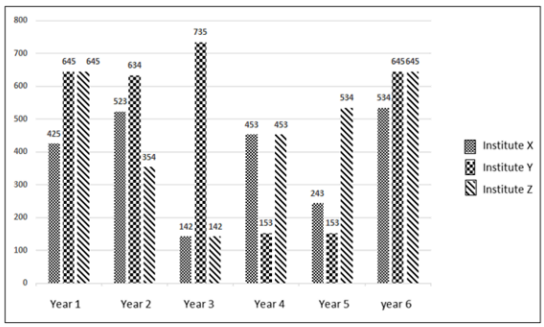
C. Only conclusion I and III follows

D. None of the conclusions follow

**Q17** General Intelligence and Reasoning

Study the given graph and answer the question that follows.

The graph presents the total number of candidates who qualified for medical entrance examination from three reputed institutions over the six years.




In which year have the maximum number of candidates succeeded in all three institutes taken together?

A. Year 6 ✓

B. Year 5

C. Year 1

D. Year 2

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**Q18** General Intelligence and Reasoning

Each vowel in the word 'EXACTLY' is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter, thus formed, is arranged in alphabetical order, which letter will be third from the right end?

A. F

B. K

C. S ✓

D. W

**Q19** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

TEACHER : BFUDSFI :: STUDENT : VUTEUOF :: CLASSES : ?

A. BMDTTET

B. BMDTTFT ✓

C. DMBTTFT

D. BMDSTFU

**Q20** General Intelligence and Reasoning

Five people A, B, C, D and E are sitting around a circular table. One of them is facing outside (opposite to the centre) and the other four are facing the centre. C is facing the centre and is sitting at second place to the left of D. B is sitting at second place to the right of D. A is sitting to the immediate left of both C and D. E is sitting to the immediate right of B. Who among them is facing outside?

A. B

B. C

C. E

D. D ✓

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**Q21** General Intelligence and Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and also '×' and '÷' are interchanged?

$13 \div 7 + 132 \times 11 + 23 - 512 \times 2 + 122 = ?$

A. 200

B. 165

C. 195

D. 190 ✓

**Q22** General Intelligence and Reasoning

The following table shows the investment (in Rs.) of three friends over the years. Study the table carefully and answer the question that follows.

| Years | A | B | C |
|---|---|---|---|
| 2017 | 55000 | 48000 | 36000 |
| 2018 | 25000 | 85000 | 46000 |
| 2019 | 64000 | 56000 | 75000 |
| 2020 | 79000 | 42000 | 84000 |
| 2021 | 38000 | 62000 | 54000 |

The sum of average investment of both A and average investment of B for the given years is what percentage of the sum of average investment of B and average investment of C for the given years?

A. 85.35%

B. 87.25%

C. 91.36%

D. 94.22 % ✓

**Q23** General Intelligence and Reasoning

Meeta starts walking from her office and goes 60 m towards the east. She then takes a right turn and walks 40 m. She then turns left and walks 36 m. She then takes a final left turn and walks 40 m to reach a park. In which direction is the park with reference to Meeta's office? (All turns are 90 degree turns only)

A. East ✓

B. West

C. North

D. South

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**Q24** General Intelligence and Reasoning

Refer to the following number series and answer the question that follows.

(Left) 1 4 6 7 4 3 2 5 6 7 3 4 6 5 1 3 4 5 2 4 5 1 5 7 (Right)

If every second number from the left in the above series is dropped, which number would appear at the eighth place from the left?

A. 1 ✓

B. 5

C. 6

D. 4

**Q25** General Intelligence and Reasoning

Refer to the following letter-symbol series and answer the question that follows.

H Y T G B D R $ V % ^ C D N S $ R ^ @ @F $ V # D % & H

How many such letters are there that are immediately preceded by a symbol and also immediately followed by a symbol?

A. 3

B. 5 ✓

C. 4

D. 2

**Q26** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

K _ G _ D _ L G P _ K L _ P D K _ G _ D

A. L P K L G D P

B. L K P D L G P

C. L L P P K D G

D. L P K D G L P ✓

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**Q27** General Intelligence and Reasoning

Four number triads have been given, out of which three are alike in some manner as they follow the same pattern and one is different. Select the number triad that is different from the rest.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 is not allowed)

A. (34, 22, 12)

B. (47, 33, 21)

C. (79, 61, 45)

D. (99, 79, 60) ✓

**Q28** General Intelligence and Reasoning

Given below is a decision followed by two statements I and II. Read the information carefully and select the correct option.

**Decision:**

Many private schools in country F have decided to discontinue assessments for students until grade 7. All students will be promoted to the next grade irrespective of how they have performed.

**Statements:**

I. A survey in country F showed that students who were assessed regularly had much better grasp on concepts than those who did not have assessments on a regular basis.

II. As per the current curriculum of grades 4 to 7 in country F, 70-80% of all subject matter consists of basics which are very important for higher education.

A. Both statements I and II strengthen the decision.

B. Statement I weakens the decision but statement II is neutral.

C. Both statements I and II weaken the decision. ✓

D. Statement I is neutral but statement II strengthens the decision.

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**Q29** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

5, 11, 24, 51, ?

A. 102

B. 104

C. 106 ✓

D. 108

**Q30** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

1. All keys are mouse.
2. Some mouse are processor.
3. Some processors are drive.

Conclusions:

I. Some processors are mouse.

II. Some processors are keys.

III. Some drives are mouse.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Both conclusions II and III follow

D. All the conclusions follow

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## General Intelligence and Reasoning

30 Questions • Answer Key

### Q1 General Intelligence and Reasoning

Read the given statements and conclusions carefully and decide which of the given conclusions logically follow the statements.

**Statements:**

1) $G \geq M$

2) $O < K$

3) $K < H$

4) $F = Q$

5) $M < O$

6) $F > H$

**Conclusions:**

I. $G < F$

II. $Q > M$

III. $O > Q$

IV. $M < Q$

A. Conclusions II and III follow

B. Conclusions II and IV follow ✓

C. Conclusions I and IV follow

D. Conclusions I and II follow

### Q2 General Intelligence and Reasoning

VM 19 is related to SJ 25 in a certain way. In the same way, HN 17 is related to EK 23. To which of the following is SL 15 related following the same logic?

A. QI 21

B. RJ 19

C. PI 21 ✓

D. MQ 24

### Q3 General Intelligence and Reasoning

Which of the following interchanges of numbers would make the given equation correct?

$10 \div 6 \times 4 + 14 - 24 = 30$

A. 10, 6

B. 4, 6

C. 14, 24

D. 10, 30 ✓

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**Q4** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some parks are libraries.
2. Some banks are libraries.
3. All schools are banks.

Conclusions:

I-Some banks are schools.

II-Some parks are banks.

A. Only conclusion I follows. ✓

B. Only conclusion II follows.

C. Both conclusions I and II follow.

D. Neither conclusion I nor II follows.

**Q5** General Intelligence and Reasoning

If

A means 'addition',

B means 'multiplication',

C means 'subtraction' and

D means 'division',

then 40 D 2 A 3 B 8 C 5 = ?

A. 33

B. 45

C. 39 ✓

D. 40

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**Q6** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

4, 9, 16, 29, 50, ?

A. 71

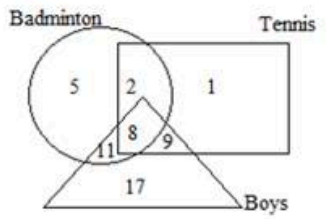
B. 73

C. 78

D. 85 ✓

**Q7** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such boys are there who play badminton but NOT tennis?

A. 11 ✓

B. 17

C. 8

D. 9

**Q8** General Intelligence and Reasoning

Rohan lives in a seven-storeyed building. The top floor of the building is numbered as seven and the lowermost floor is numbered as one. Diya who is Rohan's friend lives somewhere above the floor where Rohan lives. Every Sunday Rohan goes two floors below to his colleague Atul's flat to eat and drink together. If there are three floors between Rohan's and Diya's floor, on which floor does Rohan live?

A. First floor

B. Second floor

C. Third floor ✓

D. Fourth floor

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**Q9** General Intelligence and Reasoning

Amit told Shweta, "To reach our apartment, your mother must walk 560 m towards the east from her restaurant. She must then take a right turn and walk 543 m. She must take another right turn and walk 560 m. Then she must take one final right turn and walk 120 m". How far and in which direction is the apartment from the restaurant? (All turns are 90 degree turns only)

A. 423 m, South ✓

B. 423 m, North

C. 397 m, South

D. 397 m, North

**Q10** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

N L A _ X N _ B F _ N L _ F _ N L _ _ X

A. F L X C X D F ✓

B. F N X C X C F

C. F L X N X D C

D. F L C C X A F

**Q11** General Intelligence and Reasoning

Starting from point A, Ravi walks 30 m towards the north. He then takes a right turn and walks 100 m. Then, he takes another right turn and walks 30 m. From there, he turns to his right and walks 70 m. Then, he takes a left turn and walks 50 m. Finally, he takes a right turn and walks 30 m. How far and in which direction is Ravi now from point A? (All turns are 90 degree turns only)

A. 30 m, West

B. 50 m, North

C. 30 m, North

D. 50 m, South ✓

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**Q12** General Intelligence and Reasoning

In a certain code language, 'BLISS' is written as 'KSNVT' and 'LIGHT' is written as 'UPLKU'. How will 'WHITE' be written in that language?

A. FONVF

B. FONWG

C. FONWF ✓

D. FOMWF

**Q13** General Intelligence and Reasoning

In a certain code language, 'JUPITER' is written as 'KSSEYYY' and 'URANUS' is written as 'VPDJZM'. How will 'EARTH' be written in the same code language?

A. FCUPM

B. FYUXM

C. FYUPM ✓

D. FYOPM

**Q14** General Intelligence and Reasoning

Eight girls, A, B, C, D, E, F, G and H, are seated around a square table, facing the centre. A sits 2$^{nd}$ to the right of B. F sits 2$^{nd}$ to the right of E, who sits fourth to the left of H. G sits between A and B. D sits to the immediate left of H, who is to the immediate left of B. Only one person sits between C and D. Who is fourth to the right of G?

A. B

B. D

C. F ✓

D. C

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**Q15** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(3, 6, 18)

(15, 30, 450)

A. (6, 12, 64)

B. (9, 18, 166)

C. (1, 2, 2) ✓

D. (11, 22, 44)

**Q16** General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. H is sitting at any one of the sides and is exactly opposite to C. G is sitting second to the right of H and second to the left of C. E is sitting exactly opposite to G. B is sitting third to the right of H and is exactly opposite to A. Both G and H are the immediate neighbours of D. Which of the following statements is NOT true with reference to F?

A. H is sitting to F's third left ✓

B. F is exactly opposite to D

C. E and C are F's immediate neighbours

D. B is sitting to F's second left.

**Q17** General Intelligence and Reasoning

Based on the given statement, four conclusions are drawn. Find out which conclusion is NOT true based on the statement.

Statement: $H < N \leq C \leq K = X > T > F$

A. $N > X$ ✓

B. $X \geq N$

C. $H < X$

D. $K > F$

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**Q18** General Intelligence and Reasoning

Three statements are given followed by three conclusions. Consider the statements and conclusions to be true even if they vary from commonly known facts and then decide which of the conclusions follow(s) from the given statements.

Statements:

1. All bags are books.

2. All books are copies.

3. No pen is a copy.

Conclusions:

(I) Some books are pens.

(II) No bag is a pen.

(III) Some copies are bags.

A. Only conclusion III follows.

B. Only conclusion II follows.

C. Only conclusions II and III follow. ✓

D. None of the conclusions follow.

**Q19** General Intelligence and Reasoning

During a school tour one among the group of 15 students was elected as the group leader. If there are total 11 such groups, how many students are going for the tour?

A. 176

B. 165 ✓

C. 154

D. 174

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**Q20** General Intelligence and Reasoning

Given below is a statement followed by two possible underlying assumptions I and II. Read the information carefully and select the correct option.

**Statement**:

Research has suggested that regular physical activity not only reduces the chances of physical illness but also of mental illnesses.

Which of the following can be assumed by the given statement?

I. The medicines for mental illness would work faster if the patient also exercises daily.

II. Patients who are bedridden have a greater chance of developing some mental illness as compared to those who are not bedridden.

A. Only I can be assumed

B. Only II can be assumed ✓

C. Both I and II can be assumed

D. Neither I nor II can be assumed

**Q21** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down he numbers into its constituent digits. E.g. 12 – Operations on 12 such as adding/ subtracting/multiplying etc. to 12 can be performed. Breaking down 12 into 1 and 2 and then performing mathematical operations on 1 and 2 is not allowed)

(11, 154, 7)

(6, 180, 15)

A. (23, 46, 2)

B. (25, 375, 5)

C. (5, 20, 60)

D. (3, 90, 15) ✓

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**Q22** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) N & 2 G 9 S P T B 4 @ H # 1 8 S B A 3 P (Right)

If all numbers are dropped from the series, which of the following will be seventh from the right?

A. H

B. B

C. @ ✓

D. #

**Q23** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

154, 134, 116, ?, 86, 74, 64, 56

A. 100 ✓

B. 101

C. 98

D. 96

**Q24** General Intelligence and Reasoning

If in the word 'DISCOUNT' all the letters are arranged in alphabetical order from left to right, then the position of how many letters will be remain unchanged?

A. One ✓

B. Two

C. Three

D. Four

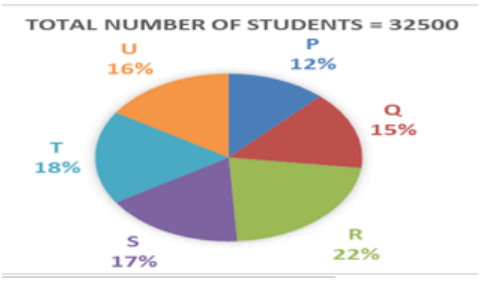
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**Q25** General Intelligence and Reasoning

The following pie-chart shows the distribution of students of graduate levels in seven different colleges.

Distribution of students at graduate levels in seven different colleges:




What is the sum of students in College of P and T studying at graduate level?

A. 3900

B. 8925

C. 9750 ✓

D. 9875

**Q26** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(left) 434 353 423 224 322 (right)

(Example: 246 – first digit = 2, second digit = 4, third digit = 6)

NOTE – All operations to be done from left to right.

If 4 is added to the second digit of every number, in how many numbers thus formed will the second digit be exactly divisible by the third digit?

A. Three ✓

B. One

C. Two

D. Five

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**Q27** General Intelligence and Reasoning

Study the given table and answer the question that follows.

The table presents the cost price and profit percentage of various products being sold by an electronic superstore.

| | 2021 | |
|---|---|---|
| Products | Cost Price (in thousands) | Profit Percentage |
| Refrigerators | 48 | 22 |
| Air Conditioners | 39 | 17 |
| Washing Machines | 13 | 12 |
| Televisions | 59 | 23 |
| Music Systems | 65 | 18 |

If the cost price of all the products increased by 10% in the next year and profit percentage remained the same, which of the following products will record maximum increase in the sales price?

A. Air conditioners

B. Refrigerators

C. Televisions

D. Music systems ✓

**Q28** General Intelligence and Reasoning

Six persons, P, Q, R, S, T and U travelled in different months of the same year viz. January, February, March, July, September and December.

U travelled in September. Only one person travelled between U and Q. No one travelled between P and S. S travelled in a month after P. More than two people travelled between S and T. Who among them travelled in March?

A. P

B. R

C. Q ✓

D. T

**Q29** General Intelligence and Reasoning

If '+' means ' ÷ ', '−' means '+', '×' means '−' and '÷' means ' × ', then, what will be the value of the following expression?

$[\{(35 \times 26) - (4 \div 3)\} + (3 - 4)] \div 5$

A. 18

B. 10

C. 15 ✓

D. 20

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**Q30** General Intelligence and Reasoning

Refer to the following letter series and answer the question that follows.

S S G Y U N G T R F C E D A W X C V U N J O K L E C D

How many such vowels are there each of which is immediately preceded by a consonant and also immediately followed by a consonant?

A. 3

B. 5

C. 6 ✓

D. 8

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**Q1** General Intelligence and Reasoning

Refer to the following number series and answer the question.

13 10 17 25 58 63 94 8 92 29

How many even numbers are immediately followed by a multiple of 3?

A. 4

B. 3

C. 2

D. 1 ✓

**Q2** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

96, 98, 102, 110, 126, ?

A. 158 ✓

B. 160

C. 166

D. 162

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**Q3** General Intelligence and Reasoning

Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

**Statement:**

The state government of state X has decided to move 40% of the city buses from the south of city A to the west of city A for the monsoon season.

Which of the following can be concluded from the given information?

I. The inflow of passengers in the western part of the city is usually substantially more during the monsoon season than the rest of the year.

II. The buses that remain in the south of city A will be sufficient to manage the general inflow of passengers.

A. Only I can be concluded from the given information.

B. Only II can be concluded from the given information.

C. Both I and II can be concluded from the given information. ✓

D. Neither I nor II can be concluded from the given information.

**Q4** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

67, 67, 56, ?, 45, 45, 34, 34, 23, 23, 12

A. 45

B. 56 ✓

C. 67

D. 53

**Q5** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) H ^ 5 T & M 4 @ 5 # 1 4 J 3 P H 9 L ! 5 2 (Right)

If all numbers are dropped from the series, which of the following will be fifth from the right?

A. L

B. @

C. J ✓

D. P

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**Q6** General Intelligence and Reasoning

A, K, G, D, H and Y are sitting in a straight row facing north. K is at one extreme end. Y is sitting third from the right of K and second to the left of A. D and H are immediate neighbours. G is sitting to the immediate left of A. D sits third to the left of G. Who is to the immediate right of K?

A. H

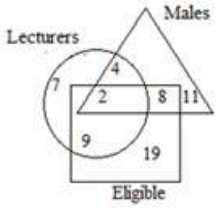
B. D ✓

C. Y

D. G

**Q7** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such male lecturers are there who are NOT eligible?

A. 4 ✓

B. 6

C. 2

D. 10

**Q8** General Intelligence and Reasoning

Five boxes A, B, C, D, and E are kept one over the other but not necessarily in the same order. The box A is not kept above or below box C or E which are kept together. Box B is kept at the third place above box C. There is only one box between box D and E and one of them is kept at the bottom. Which box is kept in the middle?

A. A

B. B

C. C

D. D ✓

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**Q9** General Intelligence and Reasoning

Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north. Only three people sit between A and G. Only two people sit to the left of A. F is not an immediate neighbour of G. F sits second to the right of E. C sits to the immediate right of B. Who sits at the extreme left end of the row?

A. D ✓

B. A

C. C

D. G

**Q10** General Intelligence and Reasoning

If 3 is added to each odd digit and 1 is subtracted from each even digit in the number 4815421, what will be the sum of the digits that are third from the left and third from the right in the new number thus formed?

A. 9

B. 7 ✓

C. 11

D. 10

**Q11** General Intelligence and Reasoning

Six persons, P, Q, R, S, T and U travelled in different months of the same year viz. January, February, March, July, September and December.

R travelled in September. Only one person travelled between R and T. No one travelled between U and P. P travelled in a month after U. More than two people travelled between P and S. Who among them travelled in July?

A. S

B. Q ✓

C. T

D. P

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**Q12** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(1, 2)

(5, 10)

A. 2, 10

B. 4, 8 ✓

C. 7, 405

D. 3, 33

**Q13** General Intelligence and Reasoning

Which of the following alphanumeric-clusters will replace the question mark (?) in the given series to make it logically complete?

P5U, N7U, L3O, J8R, ?

A. H3E

B. H2F

C. H2J ✓

D. H4D

**Q14** General Intelligence and Reasoning

Pole P is to the west of pole T and north of pole R. Pole Q is to the west of pole R and north of pole W. What is the position of pole R with respect to pole T?

A. South

B. South-west ✓

C. North

D. North-east

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**Q15** General Intelligence and Reasoning

Six students, J, K, L, M, N and O, decided to race during a PE lesson. Each had a different speed in the race. N ran faster than M but slower than L. M ran slower than J but faster than O. K ran faster than L. J ran slower than L. Who among the six ran the fastest?

A. K ✓

B. L

C. J

D. N

**Q16** General Intelligence and Reasoning

Study the given table and answer the question that follows.

The table presents the total number of new life policies (in thousands) sold by different bank branches over the years.

| | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---|---|---|---|---|
| Branch A | 53 | 34 | 54 | 54 | 76 |
| Branch B | 23 | 57 | 65 | 25 | 45 |
| Branch C | 54 | 54 | 56 | 76 | 34 |
| Branch D | 26 | 25 | 45 | 65 | 48 |
| Branch E | 64 | 76 | 76 | 92 | 90 |
| Branch F | 35 | 45 | 56 | 45 | 76 |
| Branch G | 62 | 52 | 45 | 65 | 45 |
| Branch H | 55 | 13 | 76 | 92 | 34 |

Which pair of branches have recorded lowest number of policy sales in these years taken together?

A. Branch A and branch E

B. Branch C and branch D

C. Branch E and branch F

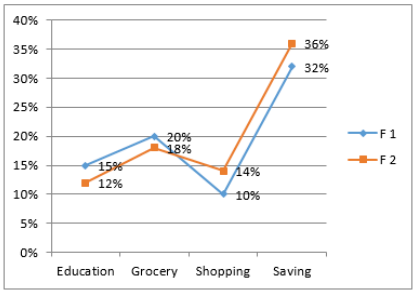
D. Branch B and branch D ✓

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**Q17** General Intelligence and Reasoning

The given graph provides the details of expenses (in percentage) by two families (F1 and F2). Study the graph and answer the question.




Find the average percentage expense for grocery and shopping by family F 1.

A. 15% ✓

B. 16%

C. 33%

D. 31%

**Q18** General Intelligence and Reasoning

If '+' means '×', '×' means '÷', '÷' means '−', and '−' means '+', then what will be the value of the given expression?

$999 - 3 + 10 \times 5 \div 4$

A. 550

B. 1000

C. 3000

D. 1001 ✓

**Q19** General Intelligence and Reasoning

In a code language, 'you are my world' is written as 'kai po che lu', 'my home world' is written as 'je po kai', and 'she was my girl' is written as 'da mu kai va'. What is the code for the word 'world' in that language?

A. mu

B. lu

C. po ✓

D. kai

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**Q20** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. Some biscuits are cookies.
2. Some cookies are pastries.
3. All pastries are creams.

Conclusions:

I. Some pastries are biscuits.

II. Some creams are biscuits.

III. Some creams are cookies.

A. Only conclusion I is true

B. Only conclusion II is true

C. Only conclusion III is true ✓

D. Only conclusion I and II are true

**Q21** General Intelligence and Reasoning

What will be the value of the given expression if 4 and 7 are interchanged and also '×' and '÷' are interchanged?

$63 \times 3 - 4 + 18 \div 7$

A. 56

B. 86 ✓

C. 48

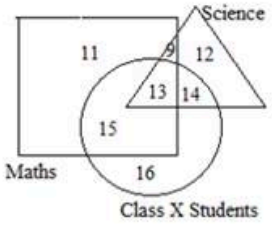
D. 68

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**Q22** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many class X students like to study either Maths or Science but NOT both?

A. 28

B. 27

C. 13

D. 29 ✓

**Q23** General Intelligence and Reasoning

Each vowel in the word HAPPILY is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

A. P

B. B

C. O ✓

D. K

**Q24** General Intelligence and Reasoning

Raghav starts from Point A and drives 30 km towards the north. He then takes a right turn, drives 34 km, turns right and drives 41 km. He then takes a right turn and drives 47 km. He takes a final right turn, drives 11 km and stops at Point P. How far and towards which direction should he drive in order to reach Point A from Point P in a straight line? (All turns are 90 degree turns only)

A. 13 km towards the east ✓

B. 15 km towards the west

C. 23 km towards the east

D. 13 km towards the south

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**Q25** General Intelligence and Reasoning

Select the option in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers without breaking down the numbers into its constituent digits.

E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(4, 13, 3)

(4, 19, 5)

A. (1, 25, 8) ✓

B. (18, 28, 2)

C. (5, 30, 7)

D. (6, 14, 2)

**Q26** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follows the same logic.

HTY : ZVK

KUY : ZWN

A. KYT : WAL

B. ABG : HCD

C. APK : BRN

D. AED : EGD ✓

**Q27** General Intelligence and Reasoning

In a class of 23 students Parul ranked $6^{th}$ from the top and Shomya ranked $19^{th}$ from the bottom. How many students ranked between Parul and Shomya?

A. 0 ✓

B. 1

C. 2

D. 12

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**Q28** General Intelligence and Reasoning

How many such pairs of letters are there in the word REGULATION (in the forward direction) which have as many letters between them in the word as there are in the English alphabetical order?

A. 1

B. 2 ✓

C. 3

D. 4

**Q29** General Intelligence and Reasoning

In a certain code language, 'SYMBOLIC' is written as 'CPTZNMJD' and 'SYMPATHY' is written as 'QBTZNUIZ'. How will 'SURVIVAL' be written in that language?

A. WJTVSBWM

B. TJWVSMBW

C. WJTUSVBM

D. WJTVSWBM ✓

**Q30** General Intelligence and Reasoning

Six friends P, Q, R, M, N and O prepared together for a class test and each one scored different marks. Only 3 friends scored less marks than R. N scored less marks than only 1 friend. Only O scored marks between the marks of P and M. Who scored the highest marks?

A. M

B. P

C. Q ✓

D. R

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**Q1** General Intelligence and Reasoning

Six persons, Prem, Amit, Ram, Shyam, Tarun and Uma travelled in different months of the same year viz. January, February, March, July, September and December. Prem travelled in September. Only one person travelled between Prem and Uma. No one travelled between Tarun and Amit. Amit travelled in a month after Tarun. More than two persons travelled between Amit and Ram. Who among them travelled in July?

A. Shyam ✓

B. Uma

C. Ram

D. Tarun

**Q2** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | 2 | 6 | = | @ | ? | 8 | < | 5 | 7 | # | ! | / | 7 | 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | K | S | R | T | U | M | W | Y | A | V | C | X | E | B |

Conditions:

(i) If the first element is a number and the last, a symbol, the codes for these two are to be interchanged.

(ii) If the first element is an even number and the last, an odd number, the first and last elements are to be coded as Ø.

(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '5 # / 4 =' be coded?

A. R C X B Y

B. Y V X B R

C. Y V E B Y

D. R V X B Y ✓

**Q3** General Intelligence and Reasoning

If the digits of each number are written in reverse order and then the numbers are arranged in descending order, the position of how many numbers will NOT change?

7846, 6354, 8745, 4653

A. Three

B. Two ✓

C. One

D. Zero

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**Q4** General Intelligence and Reasoning

Each of A, B, C, D and E has an exam on a different day of a week, starting from Monday and ending on Friday of the same week.

A has the exam on Thursday. Only one person has the exam between D and E. D has the exam on the day immediately before B. Who has the exam on Friday.?

A. E

B. B

C. C ✓

D. D

**Q5** General Intelligence and Reasoning

Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

BG - FK - JO

NS - RW - VA

A. MR - QV - UY

B. TY - XB - AF

C. DI - HM - LQ ✓

D. SW - VA - ZE

**Q6** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

RM13C, WR17H, BW21M, GB25R,?

A. LG33W

B. GW29L

C. WG33L

D. LG29W ✓

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**Q7** General Intelligence and Reasoning

If each of the following numbers is multiplied by 2 and the digits of each number are written in reverse order and then the numbers are arranged in descending order, the position of how many numbers will NOT change?

57, 87, 35, 97, 56, 74

A. Four

B. Three

C. Two

D. One ✓

**Q8** General Intelligence and Reasoning

Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $P < Q = R < T = M$, $J < N < P$

A. $R < J$

B. $M > J$ ✓

C. $J > T$

D. $N > R$

**Q9** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down he numbers into its constituent digits. E.g. 12 – Operations on 12 such as adding/ subtracting/multiplying etc. to 12 can be performed. Breaking down 12 into 1 and 2 and then performing mathematical operations on 1 and 2 is not allowed)

(5, 144, 7)
(9, 225, 6)

A. (4, 100, 5)

B. (9, 99, 10)

C. (9, 256, 7) ✓

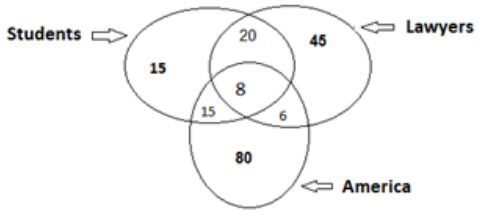
D. (10, 145, 13)

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**Q10** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such students are there who are also lawyers but NOT from America?

A. 20 ✓

B. 45

C. 15

D. 8

**Q11** General Intelligence and Reasoning

Given below is a decision followed by two statements I and II. Read the information carefully and select the correct option

**Decision:**

The Board of Directors of a Digital Marketing Company AMX have decided to shift their headquarters from the city centre to the business towers located on the outskirts of the city.

**Statements:**

I. Low property rent in outskirts would help reduce the overall expenditure of the company substantially.

II. The business towers is the hub of multiple MNCs with frequent visitors from international companies as well. This will give more visibility to AMX.

A. Statement I strengthens the decision but statement II is neutral.

B. Statement I weakens the decision but statement II is neutral.

C. Both statements I and II weaken the decision.

D. Both statements I and II strengthen the decision. ✓

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**Q12** General Intelligence and Reasoning

The following table shows the monthly expenditure (in ₹ thousand) by three persons on rent, food, clothing and traveling. Study the table and answer the question.

| | Rent | Food | Clothing | Traveling |
|---|---|---|---|---|
| Rahul | 12.3 | 10.0 | 12.7 | 15.0 |
| Geeta | 14.3 | 15.0 | 11.7 | 11.5 |
| Madhu | 14.5 | 25.0 | 20.0 | 22.0 |

What is the average expenditure of Madhu on all the four expenses together?

A. ₹20,375 ✓

B. ₹20,357

C. ₹20,537

D. ₹20,377

**Q13** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

5, 5, 7, 21, 25, ?

A. 125 ✓

B. 45

C. 65

D. 120

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**Q14** General Intelligence and Reasoning

Three statements are given followed by three conclusions. Consider the statements and conclusions to be true even if they vary from commonly known facts and then decide which of the conclusions follow(s) from the given statements.

Statements:
1. All birds are lions.
2. No goat is a lion.
3. Some tigers are goats.

Conclusions:
(I) Some tigers are lions.
(II) No lion is a tiger.
(III) Some lions are birds.

A. Only conclusion III follows. ✓

B. Only conclusion II follows.

C. Only conclusions I and III follow.

D. None of the conclusions follow.

**Q15** General Intelligence and Reasoning

Sarvan starts from Point Y and drives 5 km towards the north. He then takes a right turn, drives 5 km, turns right and drives 7 km. He then takes a right turn and drives 15 km. Then he takes a right turn and drives 2 km. He takes a final right turn, drives 5 km and stops at Point M. How far and towards which direction should he drive in order to reach Point Y from Point M? (All turns are 90 degree turns only)

A. 10 km towards the north

B. 5 km towards the east ✓

C. 15 km towards the east

D. 5 km towards the west

**Q16** General Intelligence and Reasoning

If south is changed to north-west, north-west is changed to east, east is changed to south-west and so on, which direction is north-east changed to?

A. North

B. South ✓

C. East

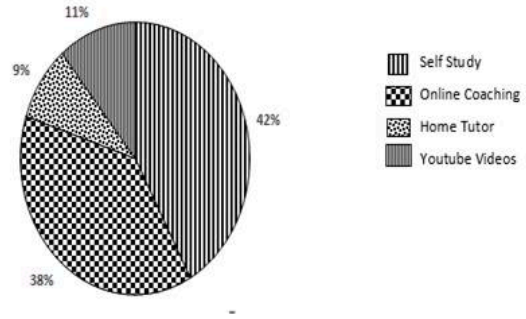
D. West

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**Q17** General Intelligence and Reasoning

The given pie chart provides details of the study modes used by students of class XII. Study the pie chart and answer the question.




If 18 students study using home tutors, how many total students are there in class XII?

A. 300

B. 350

C. 180

D. 200 ✓

**Q18** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

9 : 83 :: 5 : 47 :: 4 : ?

A. 37

B. 33

C. 32

D. 38 ✓

**Q19** General Intelligence and Reasoning

Amit, Bineet, Chandan, Dipti, Gyan and Farhaan live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 6. Dipti lives on an even numbered floor but not on floor number 4. Only two people live between Dipti and Amit. Chandan lives immediately below Farhaan. Farhaan lives on an even numbered floor. Neither Chandan nor Bineet live on the lowermost floor. Who lives on floor number 4?

A. Farhaan ✓

B. Amit

C. Chandan

D. Bineet

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**Q20** General Intelligence and Reasoning

In a certain code language, 'ADMIT' is written as 'BFPMY' and 'ACTOR' is written as 'BEWSW'. How will 'ABUSE' be written in that language?

A. BDXWJ ✓

B. BDYWJ

C. BDZWJ

D. BDGWJ

**Q21** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) G $ 5 & 2 P H 8 # T * S 2 F 8 C 2 7 $ Y 6 F (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

A. 1 ✓

B. 2

C. 3

D. 4

**Q22** General Intelligence and Reasoning

Six friends E, F, G, H, I and J are seated around a round table facing the centre. E is seated 2nd to the right of I. Only G is seated between H and J. Where is F seated?

A. 2nd to the left of I

B. 2nd to the right of I

C. 3rd to the left of G ✓

D. 2nd to the right of G

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**Q23** General Intelligence and Reasoning

If all the letters in each of the following words are rearranged as per English alphabetical order, and the newly formed words/clusters are arranged as per the dictionary arrangement, which initial word/cluster will appear exactly in the middle?

LIKE, LIVE, LOVE, LIME, LUCK

A. LOVE

B. LUCK

C. LIME ✓

D. LIVE

**Q24** General Intelligence and Reasoning

Three statements are given followed by three conclusions. Consider the statements and conclusions to be true even if they vary from commonly known facts and then decide which of the conclusions follow(s) from the given statements.

Statements:

1. Some flowers are petals.

2. Some birds are petals.

3. No bird is a flower.

Conclusions:

(I) Some petals are birds.

(II) Some flowers are birds.

(III) Some petals are flowers.

A. Only conclusion III follows.

B. Only conclusion II follows.

C. Only conclusions I and III follow. ✓

D. None of the conclusions follow.

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**Q25** General Intelligence and Reasoning

This question is based on the following 3-letter words.

(Left) CAT OWN EYE AND SAD (Right)

If in each of the given words, each alphabet is changed to the following letter in the English alphabetical series, how many words thus formed will have at least one vowel?

A. One

B. Two

C. Three

D. Four ✓

**Q26** General Intelligence and Reasoning

Six friends M, N, O, P, Q and R are sitting in a row facing north. Only O is seated between P and M. Only R is seated between N and Q. M is not seated at either of the ends and not an immediate neighbour of Q. P is sitting at immediate left of O. Where is N seated?

A. 2nd from the extreme left end

B. Immediate right of M ✓

C. At one of the extreme ends

D. 2nd from the extreme right end

**Q27** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

176, 174, 171, 166, 159, ?

A. 148 ✓

B. 145

C. 135

D. 138

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**Q28** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$13.99 - 4.02 + 19.89 \times 5.99 = ?$

A. 130 ✓

B. 180

C. 30

D. 210

**Q29** General Intelligence and Reasoning

Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is NOT true based on the given statements.

Statement: $P > M > N = O, X > Y > P$

A. $X > M$

B. $N < Y$

C. $O < X$

D. $Y < N$ ✓

**Q30** General Intelligence and Reasoning

Each vowel in the word SURPRISING is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. How many letters will appear twice in the group thus formed?

A. Two

B. Three ✓

C. Four

D. Five

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**Q1** General Intelligence and Reasoning

Six friends A, B, C, I, J and K prepared together for an interview and each one scored differently. C didn't score less than K. J didn't score more than A. I scored less than 3 friends only. C scored more than A. B scored less than J but not the least. Who scored the least?

A. A

B. C

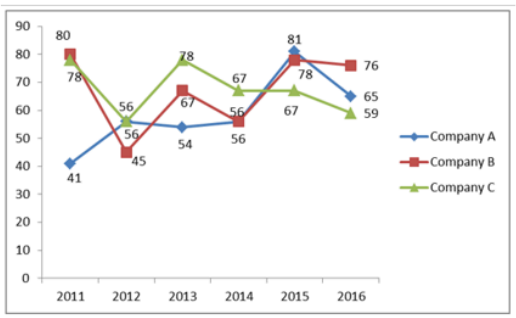
C. J

D. K ✓

**Q2** General Intelligence and Reasoning

Study the given graph and answer the question that follows.

The graph presents total sales (in ₹ crore) of three companies over six years.




For which of the given pairs of years are the total sales of all three companies together equal?

A. 2011 and 2015

B. 2015 and 2012

C. 2011 and 2013 ✓

D. 2013 and 2016

**Q3** General Intelligence and Reasoning

Five friends C, D, E, F and G are seated around a round table facing the centre. Only D is seated between G and E. D is seated 2nd to the right of F, who is not seated at either side of G. Where is C seated?

A. To the immediate left of G

B. To the immediate left of F ✓

C. To the immediate right of E

D. To the immediate right of F

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**Q4** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. All cloths are green.

2. All green are leaves.

3. Some leaves are originals.

Conclusions:

I. Some originals are green.

II. Some leaves are cloths.

III. No cloth is an original.

A. Only conclusions I and II follow.

B. Only conclusions I and III follow.

C. Only conclusion II follows. ✓

D. Only conclusion III follows.

**Q5** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. No rose is a hibiscus.

2. Some hibiscuses are lotuses.

Conclusions:

I. No rose is a lotus.

II. Some lotuses are not roses.

A. Only conclusion I follows.

B. Both conclusions I and II follow.

C. Nether conclusion I nor II follows.

D. Only conclusion II follows. ✓

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**Q6** General Intelligence and Reasoning

Avadhesh starts from Point A and drives 10 km towards the east. He then takes a left turn, drives 10 km, turns left and drives 10 km. Then he takes a final left turn, drives 3 km and stops at Point M. How far and towards which direction should he drive in order to reach Point A from Point M? (All turns are 90 degree turns only)

A. 7 km towards the north

B. 13 km towards the east

C. 7 km towards the east

D. 7 km towards the south ✓

**Q7** General Intelligence and Reasoning

In a certain code language, 'DIARY' is written as 'FLFXF' and 'READY' is written as 'THFJF'. How will 'ERROR' be written in that language?

A. GUWUY ✓

B. GNJUY

C. JULDJ

D. JBDYU

**Q8** General Intelligence and Reasoning

In a certain code language, 'SHOUT' is written as 'VLTAA' and 'TOTAL' is written as 'WSYGS'. How will 'WHITE' be written in that language?

A. ZLNZL ✓

B. ZJRKL

C. DFJPD

D. DPRHB

**Q9** General Intelligence and Reasoning

Which of the below two signs should be interchanged to make the following equation correct?

$75 \div 8 \times 6 + 24 - 6 = 31$

A. $\times$ and $-$

B. $\div$ and $-$ ✓

C. $+$ and $\div$

D. $-$ and $+$

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**Q10** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷', and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$18 \times 3 - 5 \div 6 + 4 = ?$

A. 32 ✓

B. 36

C. 34

D. 30

**Q11** General Intelligence and Reasoning

P, Q, R, S, T and U are six participants of an international Olympiad. Each of them scored different marks on the test. T scored more than Q. S scored more than Q. Q scored more than P and P scored more than R. T scored more than S. R scored more than only one participant. Which participant, among the six, scored the second highest?

A. P

B. S ✓

C. R

D. T

**Q12** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some sandwiches are pizzas.
2. All burgers are pizzas.
3. Some burgers are pastas.

Conclusions:

I-Some sandwiches are burgers.

II-Some pastas are pizzas.

A. Only conclusion I follows.

B. Only conclusion II follows. ✓

C. Both conclusions I and II follow.

D. Neither conclusion I nor II follows.

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**Q13** General Intelligence and Reasoning

This question is based on the following three-letter words:

(Left) ALL NTE PET ARE (Right)

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

A. One

B. Two ✓

C. Three

D. Four

**Q14** General Intelligence and Reasoning

TB 12 is related to QY 20 in a certain way. In the same way, ML 16 is related to JI 24. To which of the following is RD 20 related following the same logic?

A. BO 26

B. OA 28 ✓

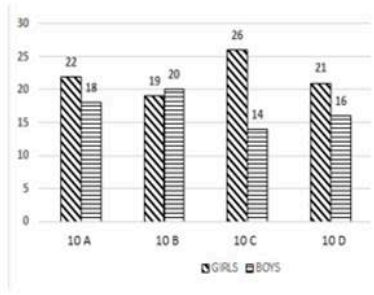
C. OA 26

D. AO 28

**Q15** General Intelligence and Reasoning

The given graph provides details of the number of girl students and boy students in four sections of class X of a school.

Study the graph and answer the question.




Which section has the maximum percentage of girls of the total students in that section?

A. 10D

B. 10C ✓

C. 10B

D. 10A

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**Q16** General Intelligence and Reasoning

All 20 students of a class are standing in a straight row facing north. Rohan is $8^{th}$ from the right end, while Nikhil is $10^{th}$ from the left end. How many students are standing between Rohan and Nikhil?

A. 5

B. 2 ✓

C. 6

D. 3

**Q17** General Intelligence and Reasoning

This question is based on the following 3-letter words

(left) BOW SAD LOW RAY (right)

How many letters are there in the English alphabetical order between the second letter of the first word from the right and the second letter of the first word from the left?

A. Eight

B. Twelve

C. Thirteen ✓

D. Fifteen

**Q18** General Intelligence and Reasoning

Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

**Statement:**

If the sheep from country K are cross bred with sheep of their neighbouring country Q, the quality of wool produced will be much better than that reared from purebred sheep of either country.

Which of the following can be concluded from the given information?

I. Any two breeds of sheep can be successfully bred with each other.

II. The demand of wool reared by purebred sheep of either of these countries might go down once the wool from the crossbred sheep is easily available in the market at comparable prices.

A. Only I can be concluded from the given information.

B. Only II can be concluded from the given information. ✓

C. Both I and II can be concluded from the given information.

D. Neither I nor II can be concluded from the given information.

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**Q19** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

44, 42, 38, 36, 32, 30, 26, 24, ?

A. 18

B. 22

C. 20 ✓

D. 23

**Q20** General Intelligence and Reasoning

A certain number of people are sitting in a row facing north. C sits second to the right of B. Only four people sit between C and A. X sits second to the left of A. Only one person sits between A and Y. Z sits to the immediate right of Y. If no other person is sitting in the row, what is the total number of persons seated?

A. 11 ✓

B. 12

C. 8

D. 10

**Q21** General Intelligence and Reasoning

Preeti walks 30 m towards the east from point P. She takes a left turn and walks 18 m. She takes a left turn again and walks 65 m. Again, she takes a left turn and walks 86 m. She takes a left turn again and walks 65 m. Again, she takes a left turn and walks 18 m. She takes one final left turn and walks 30 m to reach point Q. How far and in which direction is point Q from point P? (All turns are 90 degree turns only)

A. 50 m, North

B. 68 m, North

C. 50 m, South ✓

D. 68 m, South

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**Q22** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) N 3 % Y 7 & 3 5 G M Q 1 @ 2 C ^ 9 L 2 B (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

A. 1 ✓

B. 2

C. 3

D. 4

**Q23** General Intelligence and Reasoning

Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

GED 14, LJI 17, QON 20, VTS 23, ?

A. FXY 28

B. AYX 26 ✓

C. BYX 26

D. DVS 30

**Q24** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

27 : 36 :: 39 : 52 :: 30 : ?

A. 39

B. 43

C. 40 ✓

D. 42

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**Q25** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷' and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$18 \times 3 - 15 \div 10 + 20 = ?$

A. 80 ✓

B. 60

C. 20

D. 40

**Q26** General Intelligence and Reasoning

A certain number of people are sitting around a round table facing the centre. S is sitting 3rd to the right of P, who is 4th to the left of Z. Only M is sitting between A and B. No other people are sitting around the table. How many people are there in total?

A. 8 ✓

B. 9

C. 7

D. 6

**Q27** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

25, 30, 55, 180, 805, ?

A. 3400

B. 3960

C. 3930 ✓

D. 3935

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**Q28** General Intelligence and Reasoning

Amir, Bineet, Chandra, Dinesh, Indresh, Farukh, Gurmeet and Hariom are sitting around a square table facing the centre of the table. Four of them are sitting at the corners, while four are sitting at the middle of the sides. Indresh sits third to the left of Gurmeet. Indresh sits at one of the corners. Bineet sits second to the right of Farukh. Farukh does not sit at any of the corners. Farukh is not an immediate neighbour of Indresh. Hariom is an immediate neighbour of Amir. Hariom does not sit at any of the middle of the sides. Only three people sit between Hariom and Chandra. Who sits third to the left of Dinesh?

A. Amir ✓

B. Bineet

C. Indresh

D. Hariom

**Q29** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

9 : 90 :: 5 : 30 :: 10 : ?

A. 110 ✓

B. 100

C. 105

D. 125

**Q30** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word POSITIVE is arranged in alphabetical order?

A. None ✓

B. One

C. Two

D. Three

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**Q1** General Intelligence and Reasoning

In a certain code language, 'THRICE' is written as 'TRIHEC' and 'SECTOR' is written as 'TSROEC'. How will 'JOYFUL' be written in that language?

A. YUOLFJ

B. YUOLJF ✓

C. UYOLJF

D. YULOJF

**Q2** General Intelligence and Reasoning

Study the following arrangement carefully and answer the question.

(Left) 8 & 2 @ 4 4 ƒ @ 1 ^ £ % 3 8 ¥ 6 # 7 3 (Right)

How many such numbers are there each of which is immediately followed by a symbol and also immediately preceded by a symbol?

A. 1

B. 2

C. 3 ✓

D. 4

**Q3** General Intelligence and Reasoning

Sohan starts from his home and cycles 2 kilometres on a straight road. Then he turns left and cycles 5 kilometres to reach a square. From the square, again he takes a left and covers 2 kilometres. Now he is facing the south direction. In which direction does he start to cycle from his home? (All turns are 90 degree turns only)

A. North ✓

B. South

C. East

D. West

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**Q4** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷' and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$18 \div (18 - 2) \times 9 + 16 = ?$

A. 4

B. 6 ✓

C. 8

D. 10

**Q5** General Intelligence and Reasoning

Six students are sitting around a circular table facing the centre. Q is an immediate neighbour of both B and C. A is sitting second to the left of C. P is sitting second to the right of Q. R is immediate neighbour of both A and C. Who is an immediate neighbour of both A and B?

A. C

B. Q

C. R

D. P ✓

**Q6** General Intelligence and Reasoning

Asmita started walking from the medicine shop towards the south. After walking for 400 metres she turned right and walked for 100 metres to reach the ice-cream parlour. From there she turned right, walked for 500 metres then again turned right and walked for 200 metres to reach the vegetable shop. Finally she turned right and walked for 100 metres to reach her home. How far and in which direction is her home from the medicine shop? (All turns are 90 degree turns only)

A. 200 metres west

B. 100 metres south

C. 200 metres north

D. 100 metres east ✓

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**Q7** General Intelligence and Reasoning

Three statements are given followed by three conclusions. Consider the statements and conclusions to be true even if they vary from commonly known facts and then decide which of the conclusions follow(s) from the given statements.

Statements:

1. All pens are bags.

2. Some bottles are pens.

3. All shoes are bottles.

Conclusions:

(I) No bag is a shoe.

(II) Some pens are shoes.

(III) Some bags are shoes.

A. Only conclusion III follows.

B. Only conclusion II follows.

C. Only conclusions I and III follow.

D. None of the conclusions follow. ✓

**Q8** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

132, 109, 90, 73, 60, ?

A. 46

B. 48

C. 49 ✓

D. 52

**Q9** General Intelligence and Reasoning

K22P is related to M26N in a certain way. In the same way, O30L is related to Q34J. To which of the following is S38H related, following the same logic?

A. T42F

B. T40G

C. U42F ✓

D. V44E

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**Q10** General Intelligence and Reasoning

If each of the digits in the number 7349842 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. None

B. One

C. Two ✓

D. Three

**Q11** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question that follows.

(Left) Z C & T % 7 D 9 # 6 K & 2 R Y $ 3 5 E * S (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

A. 0

B. 1

C. 2

D. 3 ✓

**Q12** General Intelligence and Reasoning

Select the option in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers without breaking down the numbers into its constituent digits.

E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(8, 19, 22)

(3, 9, 12)

A. (4, 15, 18)

B. (17, 21, 8) ✓

C. (5, 15, 16)

D. (2, 5, 4)

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**Q13** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

4 : 9 :: 5 : 12 :: 3 : ?

A. 7

B. 8

C. 6 ✓

D. 11

**Q14** General Intelligence and Reasoning

If we add 9 to each of the following numbers and then write the digits of each number in reverse order and then arrange the numbers in descending order, the position of how many numbers will NOT change?

221, 256, 465, 387, 356

A. Zero ✓

B. One

C. Two

D. Three

**Q15** General Intelligence and Reasoning

All 48 students of a class are standing in a row facing the north. Yuvika is $7^{th}$ from the extreme right end of the row. Malini is $22^{nd}$ from the extreme left end. How many students are standing between Malini and Yuvika?

A. 17

B. 18

C. 19 ✓

D. 20

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**Q16** General Intelligence and Reasoning

The given graph provides the details of the price of petrol (in rupees) per litre in 4 months in Delhi. Study the graph and answer the question.




Find the approximate percentage increase of the rate of petrol from January to April

A. 18%

B. 19%

C. 12%

D. 17% ✓

**Q17** General Intelligence and Reasoning

Refer to the following number series and answer the question.

13 10 17 25 58 63 94 8 92 29

How many prime numbers are immediately followed by even numbers?

A. 4

B. 3

C. 2

D. 1 ✓

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**Q18** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

I. All mobiles are laptops.

II. All laptops are notebooks.

III. All notebooks are books.

**Conclusions:**

I. All books are laptops.

II. Some notebooks are mobiles.

III. All laptops are books.

A. Conclusions I and II follow

B. Conclusions I and III follow

C. Conclusions II and III follow ✓

D. All conclusions follow

**Q19** General Intelligence and Reasoning

35 students of a class are standing in a queue according to the increasing order of their heights. Devyani is standing $11^{th}$ from the back. If she changes her position with Gauri, she becomes $12^{th}$ from front. How many students are standing between Devyani and Gauri?

A. 12 ✓

B. 23

C. 24

D. 11

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**Q20** General Intelligence and Reasoning

Three statements are given followed by two conclusions. Consider the statements and conclusions to be true even if they vary from commonly known facts and then decide which of the conclusions follow(s) from the given statements.

Statements:

1. All squares are roses.

2. Some roses are parrots.

3. No parrot is a square.

Conclusions:

(I) Some parrots are roses.

(II) Some squares are parrots.

A. Only conclusion II follows.

B. Only conclusion I follows. ✓

C. Both conclusions I and II follow.

D. None of the conclusions follows.

**Q21** General Intelligence and Reasoning

Select the term from among the given options that can replace the question mark (?) in the following series.

B2AFR, SGB4C, D6CHT, UID8E, ?

A. VJE8F

B. F10EJU

C. VJE10F

D. F10EJV ✓

**Q22** General Intelligence and Reasoning

Six people P, Q, R, S, T and U are living on a six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. R lives on the floor immediately below the floor of P. Q does not live on the topmost floor. T lives on the floor immediately below the floor of S. P does not live on any of the floors below S. Only three people live between the floors of U and T. T and U live on even numbered floors. Who lives on the floor number 4?

A. U

B. P

C. R ✓

D. S

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**Q23** General Intelligence and Reasoning

Amongst six friends A, D, F, G, L and S, each has a different age. S is older than only four other friends. D is older than only one friend. G is older than L but younger than A. A is not the oldest. Who is the youngest among all the friends?

A. F

B. S

C. L ✓

D. G

**Q24** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

23, 28, 35, 46, 59, ?

A. 80

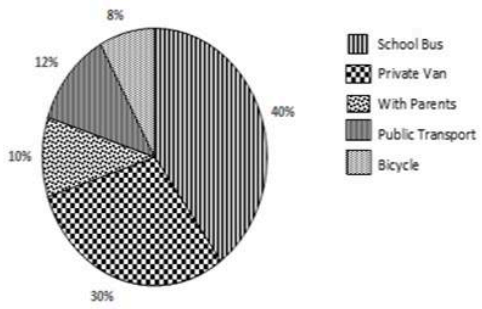
B. 82

C. 78

D. 76 ✓

**Q25** General Intelligence and Reasoning

The given pie chart provides details of the percentage distribution of the mode of transport taken by students of a class.
Study the pie chart and answer the question.




If 140 students use bicycles, what is the total number of students in the class?

A. 2000

B. 1600

C. 1750 ✓

D. 1890

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**Q26** General Intelligence and Reasoning

A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

**Statement:**

Driving on the wrong side of the road will lead to accidents.

**Assumptions:**

I. Driving slow will avoid accidents.

II. Following traffic rules will keep roads accident free.

A. Only assumption I is implicit

B. Only assumption II is implicit ✓

C. Neither assumption I nor II is implicit

D. Both assumptions I and II are implicit

**Q27** General Intelligence and Reasoning

In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$Y \geq R = S \leq T = N > A$

**Conclusions:**

1. $Y > T$

2. $N \geq R$

3. $Y < S$

4. $T = A$

A. 1

B. 2 ✓

C. 3

D. 4

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**Q28** General Intelligence and Reasoning

Six persons O, P, Q, R, S, and T are sitting in a circular arrangement facing the centre of the circle. O is the immediate neighbour of both S and Q. T is sitting second to the right of O and is to the immediate right of Q. P is sitting third to the right of Q. Who among the following is sitting second to the right of Q?

A. O

B. P

C. T

D. R ✓

**Q29** General Intelligence and Reasoning

If 13 October 1995 is a Friday, then what will be the day of the week on 17 November 2000?

A. Friday ✓

B. Saturday

C. Monday

D. Wednesday

**Q30** General Intelligence and Reasoning

In a certain code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

| Number/ Symbol | * | 1 | & | 2 | & | 3 | ^ | 4 | % | 5 | $ | 5 | # | 6 | @ | 7 | ! | 8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | L | P | O | I | K | M | N | J | U | Y | H | B | G | T | F | V | C | D |

**Conditions:**

1.If the first element is an even number and the last an odd number, the codes for these two (the first and the last elements) are to be interchanged.

2.If both the second and third elements are odd numbers, the third element is to be coded as the code for the second element.

3.If the first element is a number and the last a symbol, the first and last elements are to be coded as A.

What will be the code for 64%37* ?

A. AJUMVA ✓

B. TJUMVL

C. LJUMVT

D. AJUMVL

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**Q1** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

3, 16, 5, 13, 9, 8, ?, ?, 23, -8

A. 13, 2

B. 15, 1 ✓

C. 11, 3

D. 12, 3

**Q2** General Intelligence and Reasoning

One morning Yogesh started from his home to visit his sister in another city. He first drove for 20 km towards the north and then turned towards the east and further drove for 10 km. After this he turned towards the north and drove for 30 km. Finally he turned towards the east and drove for 20 km to reach his sister's home. In which direction is his home from his sister's home?

A. North

B. South

C. South-west ✓

D. North-east

**Q3** General Intelligence and Reasoning

A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

**Statement:**

"In order to retain employees, we must reward them with monthly benefits", company chairman tells the manager.

**Assumptions:**

I. Monthly benefits will keep the employees happy.

II. The employees will be punctual.

A. Only assumption I is implicit ✓

B. Only assumption II is implicit

C. Neither assumption I nor II is implicit

D. Both assumptions I and II are implicit

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**Q4** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

$20 \times 5 \div 5 - 5 + 3 = ?$

A. 22 ✓

B. 32

C. 12

D. 2

**Q5** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

$PQ_RRR_SSSTU_VVVW_WW$

A. QRUW

B. PRVW

C. QSUW ✓

D. QSVW

**Q6** General Intelligence and Reasoning

Parul started walking towards the north. After walking for 300 metres she turned right and walked for 400 metres. Then she turned right and walked for 500 metres. She then turned left and walked for 200 metres. Again, she turned left and walked for 200 metres. Finally she turned left and walked for 200 metres. In which direction and how far is Parul from her starting position? (All turns are 90 degree turns only)

A. 400 metres west

B. 400 metres east ✓

C. 200 metres west

D. 200 metres east

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**Q7** General Intelligence and Reasoning

Each of Prem, Amit, Ram, Sudheer, Tejas, Uma and Vivek has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. Prem has the exam on Thursday. Only one person has the exam between Prem and Uma. Ram has the exam on the day immediately before Uma but not on a Monday. Only two people have exams between Ram and Tejas. Vivek's exam is on one of the days before Sudheer and on one of the days after Amit. Who among the following has the exam on Monday?

A. Amit ✓

B. Sudheer

C. Tejas

D. Prem

**Q8** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷', and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$12 \times 3 - 25 \div 25 + 25 = ?$

A. 100 ✓

B. 200

C. 300

D. 80

**Q9** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

23, 27, 35, 47, 63, ?

A. 80

B. 82

C. 81

D. 83 ✓

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**Q10** General Intelligence and Reasoning

Each of A, B, C, D and E has an exam on a different day of a week, starting from Monday and ending on Friday of the same week.

C has the exam on Thursday. Only one person has the exam between B and A. B has the exam on the day immediately before D. Who has the exam on Wednesday?

A. A ✓

B. B

C. D

D. E

**Q11** General Intelligence and Reasoning

Given below are two letter-cluster pairs in which the second letter-cluster is related to the first letter-cluster following a certain logic. Select the letter-cluster pair from among the options that follows the same logic.

QTS : WZY

MPG : SVM

A. HKW : NQC ✓

B. HKW : BEQ

C. HKW : NEC

D. HKW : BQQ

**Q12** General Intelligence and Reasoning

Refer to the following letter and number series and answer the question.

(Left) G C T 7 D 4 6 K 2 R Y 3 5 E S A 4 T Y 7 8 G T (Right)

How many such letters are there in the series which are immediately preceded by a letter and also immediately followed by a number?

A. None

B. Four ✓

C. Two

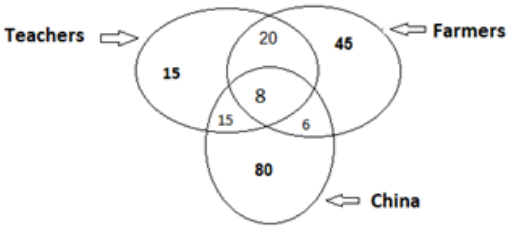
D. Three

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**Q13** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such teachers are there who are also farmers but NOT from China?

A. 20 ✓

B. 25

C. 45

D. 15

**Q14** General Intelligence and Reasoning

Study the following number arrangement and answer the question given below. All numbers given below are 2 digit numbers.

78 25 96 36 14 45 76 79 39 34 31 38 29 24 26 16 37 43

What will be the sum of all prime numbers present in the above series?

A. 190

B. 219 ✓

C. 248

D. 261

**Q15** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

$24 \times 6 \div 5 - 3 + 2 = ?$

A. 21 ✓

B. 11

C. 10

D. 1

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**Q16** General Intelligence and Reasoning

The given table provides details of the marks obtained by a student in different subjects in two term exams. Study the table and answer the question.

| | Term Exam 1 | Term Exam 2 |
|---|---|---|
| Mathematics | 80 | 85 |
| Science | 84 | 89 |
| Social Science | 78 | 82 |
| Hindi | 85 | 88 |
| English | 92 | 91 |

What is the average of the maximum marks obtained in Mathematics and the minimum marks obtained in Hindi?

A. 80

B. 76

C. 85 ✓

D. 88

**Q17** General Intelligence and Reasoning

Select the option in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers without breaking down the numbers into its constituent digits.

E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(2, 42, 4)

(7, 57, 5)

A. (3, 83, 8) ✓

B. (5, 57, 7)

C. (1, 19, 9)

D. (8, 46, 4)

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**Q18** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) B F % 6 J Q 6 H & K M 8 1 5 T Z # @ K L 9(Right)

How many such letters are there which are immediately preceded by a letter and also immediately followed by a number?

A. 1

B. 2

C. 3 ✓

D. 4

**Q19** General Intelligence and Reasoning

In a certain code language, 'MERGE' is written as 'NHWNN' and 'HEAVY' is written as 'IHFCH'. How will 'MORSE' be written in that language?

A. NLDIE

B. LPRCH

C. LDYTB

D. NRWZN ✓

**Q20** General Intelligence and Reasoning

Refer to the following letter, symbol series and answer the question.

L J + K − Y % T # U P

If all symbols are dropped from the series, which letter will be at the middle most position in the newly formed series?

A. K

B. Y ✓

C. T

D. J

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**Q21** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $T \geq Y > U < I \leq O = P$

A. $U > P$

B. $P = T$

C. $T > U$ ✓

D. $Y > I$

**Q22** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. F is taller than only two other friends. A is shorter than only one friend. D is shorter than F but taller than C. E is shorter than B. Who is the third tallest among all the friends?

A. F

B. E ✓

C. D

D. A

**Q23** General Intelligence and Reasoning

In a certain code language, 'AVOID' is written as '85395' and 'MULTI' is written as '56679'. How will 'EVENT' be written in that language?

A. 45447 ✓

B. 45744

C. 45747

D. 47544

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**Q24** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. All beds are cots.

2. All sofas are beds.

Conclusions:

I. All sofas are cots.

II. Some beds are sofas.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both conclusions I and II follow. ✓

D. Neither conclusion I nor II follows.

**Q25** General Intelligence and Reasoning

10 friends of a class appeared for a class test. Each friend got different marks in test. Rama scored more than 4 friends only. Usha scored less than 3 friends only. How many friends scored more than Rama but less than Usha?

A. 1 ✓

B. 3

C. 4

D. 2

**Q26** General Intelligence and Reasoning

Six persons are sitting around a circular table facing the centre. Madhuram is an immediate neighbour of both Rahim and Amit. Sumit is sitting second to the right of Rahim. David is sitting third to the left of Amit. Prem is an immediate neighbour of both Sumit and Amit. Who is an immediate neighbour of both Madhuram and Prem?

A. Amit ✓

B. Sumit

C. David

D. Rahim

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**Q27** General Intelligence and Reasoning

P, Q, R, S, T, U and V are sitting on a wall in a straight row, and all of them are facing north. R is on the immediate right of S. Q is at one of the extreme end and has T as his immediate neighbour. V is the immediate neighbour of T and U. S is sitting third from the extreme right end. Which of the following pairs is sitting at each of the extreme end?

A. PQ ✓

B. QR

C. QS

D. QU

**Q28** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

12 : 18 :: 28 : 42 :: 10 : ?

A. 16

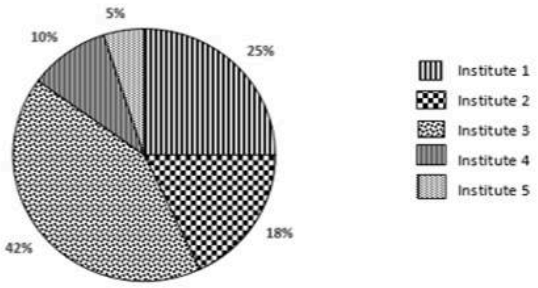
B. 15 ✓

C. 24

D. 18

**Q29** General Intelligence and Reasoning

The given pie chart provides details of qualified students for an entrance examination from different institutes. Study the pie chart and answer the question.




If 45 students qualified from Institute 1, how many students qualified from Institute 4?

A. 27

B. 36

C. 29

D. 18 ✓

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**Q30** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. All cups are bottles.

2. All bottles are pans.

Conclusions:

I. All cups are pans.

II. All bottles are cups.

III. All pans are cups.

IV. Some pans are bottles.

A. Only conclusions I and IV follow. ✓

B. Only conclusions II and III follow.

C. Only conclusion II follows.

D. Only conclusion IIIfollows.

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**General Intelligence and Reasoning** 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $X \leq F \leq U \geq A < Z > J$

A. $U \geq A \geq F$

B. $U > Z > J$

C. $F \leq U \geq A$ ✓

D. $A < Z < X$

**Q2** General Intelligence and Reasoning

At 6:00 a.m., a wrist watch's hour hand is showing north-west, which direction will hour hand show at 9:00 p.m.?

A. North-West

B. South

C. South-West

D. North-East ✓

**Q3** General Intelligence and Reasoning

Six boxes, J, K, L, M, N and O, are kept one over the other, but not necessarily in the same order. J is kept immediately above N. Only one box is kept between K and O. O is the bottom-most box, and M is the top-most box. Which box is kept immediately below M?

A. K

B. J ✓

C. L

D. N

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**Q4** General Intelligence and Reasoning

P, Q, R, S, T, U and V live on different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 7. U lives on the floor immediately above V. T lives immediately above P and immediately below R. S does not live on any floor immediately above U or above R. P lives on third floor which is immediately above Q. Who lives on the first floor?

A. T

B. Q

C. S ✓

D. R

**Q5** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(6, 30, 54)

(16, 80, 144)

A. (12, 48, 108)

B. (8, 35, 72)

C. (15, 75, 105)

D. (21, 105, 189) ✓

**Q6** General Intelligence and Reasoning

If '+' means '×', '×' means '÷', '÷' means '−', and '−' means '+', then what will be the value of the given expression?

$79 - 87 + 5 \div 48 \times 3$

A. 512

B. 498 ✓

C. 656

D. 452

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**Q7** General Intelligence and Reasoning

In a certain code language, 'BRICK' is written as 'BCIKR' and 'HOTEL' is written as 'EHLOT'. How will 'SPORT' be written in that language?

A. OPRTS

B. RSTPO

C. OPRST ✓

D. SROTP

**Q8** General Intelligence and Reasoning

If 7 September 2012 is a Friday, then what will be the day of the week on 17 December 2014?

A. Monday

B. Thursday

C. Wednesday ✓

D. Sunday

**Q9** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All jugs are cups.
2. All cups are espressos.
3. Some jugs are saucers.

Conclusions:

I. Some espressos are saucers.
II. Some cups are jugs.

A. Only conclusion I follows

B. Only conclusion II follows

C. Either conclusion I or II follow

D. Both conclusions I and II follow ✓

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**Q10** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

105, 107, 103, ?, 101, 111

A. 108

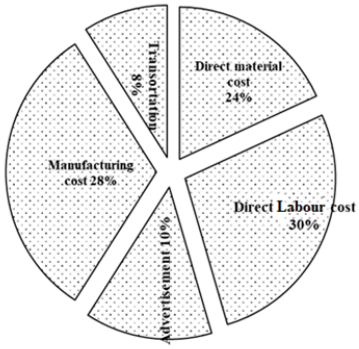
B. 109 ✓

C. 97

D. 95

**Q11** General Intelligence and Reasoning

The following pie chart shows the percentage distribution of the expenditure incurred in manufacturing a certain product. Study the pie chart and answer the question.




If 500 products are manufactured and the direct labour cost on them amounts to ₹ 62,500, then what should be the selling price of the product so that manufacturer can earn a profit of 50%?

A. ₹550

B. ₹600

C. ₹625 ✓

D. ₹700

**Q12** General Intelligence and Reasoning

Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

NE - MF - LG

LS - KT- JU

A. ET- FS - GR

B. AV - ZW -YX ✓

C. BD - ZE - YF

D. RG - SH - TI

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**Q13** General Intelligence and Reasoning

In a certain code language, 'POWER' is written as 'RRAJX' and 'HELLO' is written as 'JHPQU'. How will 'NEVER' be written in that language?

A. PHZXJ

B. PHZJX ✓

C. PHZJZ

D. PHJZX

**Q14** General Intelligence and Reasoning

A certain number of people are standing together, each having a different height. A is taller than D, but shorter than F. C is shorter than E and taller than B, who is taller than F. Only one person is taller than E, and only two persons are shorter than D. If no other person is part of the group, what is the total number of people in the group?

A. Ten

B. Six

C. Seven

D. Nine ✓

**Q15** General Intelligence and Reasoning

Refer to the following letter, number and symbol series and answer the question.

(Left) H T & Q % 9 D 6 @ 6 L & 4 P Z # 5 7 U * Y (Right)

How many such symbols are there in the series which are immediately preceded by a letter and also immediately followed by a number?

A. One

B. Two

C. Three ✓

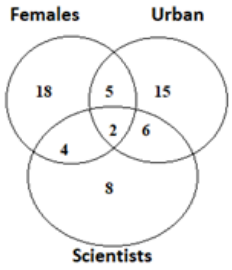
D. Four

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**Q16** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such Female Scientists are there who are NOT from an Urban area?

A. 2

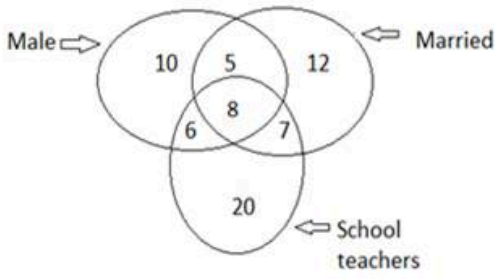
B. 4 ✓

C. 5

D. 6

**Q17** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many married males are school teachers?

A. 13

B. 14

C. 15

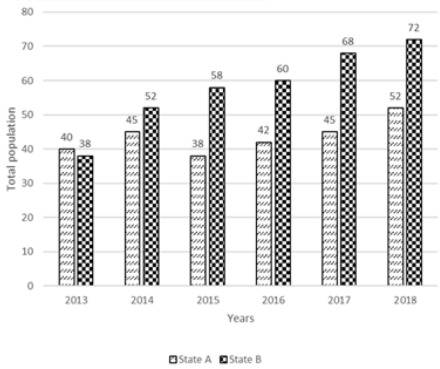
D. 8 ✓

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**Q18** General Intelligence and Reasoning

The column graph given below shows the population of two states (in lakhs) over the years. Study the graph and answer the question.




What is the difference in the population of state A and B together in years 2013 and 2018?

A. 46 lakhs ✓

B. 27 lakhs

C. 28 lakhs

D. 22.0 lakhs

**Q19** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

15, 26, 48, 81, 125, ?

A. 169

B. 180 ✓

C. 170

D. 182

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**Q20** General Intelligence and Reasoning

Select the option in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers without breaking down the numbers into its constituent digits.

E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(6, 7, 8)

(23, 34, 45)

A. (3, 4, 9)

B. (7, 12, 17) ✓

C. (17, 22, 25)

D. (8, 19, 28)

**Q21** General Intelligence and Reasoning

Five friends I, J, K, L and M are sitting in a row facing north. Only I is seated between L and M. K is seated 2nd from the left end and is not an immediate neighbour of M. Where is J seated?

A. 3rd from the right end

B. 2nd from the right end

C. At the extreme right end

D. At the extreme left end ✓

**Q22** General Intelligence and Reasoning

Select the conclusion that is true based on the given statement.

Statement: $F > N \geq Z \leq S = B < W$

A. $F > S$

B. $W > Z$ ✓

C. $N > B$

D. $N \geq W$

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**Q23** General Intelligence and Reasoning

Refer to the following letter arrangement and answer the question that follows.

A W S X Z E C D R V F T B H N M H Y J K I O L

How many letters are there in the given series between the letter that is third from the left end and second vowel from the right end of the given series?

A. 15

B. 16

C. 17 ✓

D. 19

**Q24** General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table (but not necessarily in the same order). Four of them are sitting at the corners while four of them are sitting at the exact centre of the sides. A is on the immediate right of H who is sitting at the exact center of one of the sides of the table. D is an immediate neighbour of A. B is sitting on the immediate right of D. F is the immediate neighbor of B and C. E is sitting to the immediate left of G. Who is sitting to the immediate left of H?

A. F

B. E

C. G ✓

D. D

**Q25** General Intelligence and Reasoning

Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

**Statement:**

In order to minimise the consumption of plastic bags, the supermarkets across a metro city X have announced that all their customers need to bring their own bags or will have to buy jute bags from the supermarket that cost ₹13 per bag.

Which of the following can be concluded from the given information?

I. The revenue of plastic bag manufacturing companies catering to city X may reduce to some extent.

II. The smaller general stores across city X will not need to ban plastic bags.

A. Only I can be concluded from the given information. ✓

B. Only II can be concluded from the given information.

C. Both I and II can be concluded from the given information.

D. Neither I nor II can be concluded from the given information.

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**Q26** General Intelligence and Reasoning

How many such pairs of letters are there in the word MASTER (in the forward direction) which have as many letters between them in the word as there are in the English alphabetical order?

A. 1

B. 2 ✓

C. 3

D. 4

**Q27** General Intelligence and Reasoning

Each of the digits in the number 8759236 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. One ✓

B. Two

C. Three

D. Four

**Q28** General Intelligence and Reasoning

Raveena travels 5 km towards South from her house. From there, she goes 7 km towards East, then 4 km towards South, then 7 km towards West and then finally 5 km towards South. How far is Raveena from her house and in which direction?

A. 14 km, North

B. 9 km, North

C. 14 km, South ✓

D. 5 km, South

**Q29** General Intelligence and Reasoning

What will come in the place of '?' in the following equation, if '+' and ' – ' are interchanged and also '×' and '÷' are interchanged?

17 - 3 ÷ 2 + 12 x 4 = ?

A. 20 ✓

B. 21

C. 22

D. 24

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**Q30** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

A _ D F _ A C _ F B _ C D F _ A C D _ D

A. CADACF ✓

B. CADFCC

C. CDFCCA

D. CDADFA

Blackbook

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**Q1** General Intelligence and Reasoning

Eight men L, M, N, O, P, Q, R and S were sitting around a square table, facing the centre. Some of them were sitting at the corners, while some were sitting at the exact centre of the sides. P was sitting fourth to the left of Q. Only O was sitting between M and Q. N was sitting to the immediate right of L. R was sitting to the immediate left of M. L and P were sitting at corners. Who was sitting fourth to the left of R?

A. O

B. N

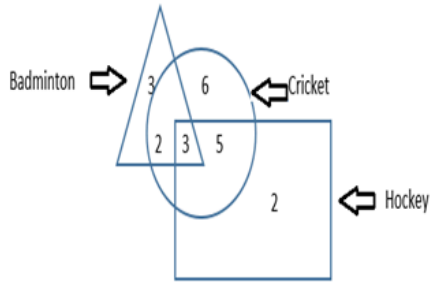
C. S ✓

D. L

**Q2** General Intelligence and Reasoning

Study the given diagram carefully and answer the question that follows.

The numbers in different sections indicate the number of people who play different sports.




How many people play both Hockey and Cricket but not Badminton ?

A. 5 ✓

B. 3

C. 8

D. 2

**Q3** General Intelligence and Reasoning

Select the conclusion that is true based on the given statement.

Statement: $A \geq Q > Z \leq S = O < W$

A. $A > O$

B. $W > Z$ ✓

C. $Q > O$

D. $W \geq A$

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**Q4** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

54, 149, 294, 489, ?

A. 596

B. 734 ✓

C. 674

D. 692

**Q5** General Intelligence and Reasoning

A group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ symbol | 4 | & | 5 | ^ | 8 | @ | 2 | 6 | % | $ | 9 | 5 | 3 | # |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code Letter | G | B | H | T | V | M | A | K | L | D | F | E | Q | U |

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code ^ $ 9 # 8 ?

A. VDFUT ✓

B. TDFUV

C. VDUFT

D. TDUFV

**Q6** General Intelligence and Reasoning

If 5 March 2009 is a Thursday, then what will be the day of the week on 11 March 2016?

A. Thursday

B. Wednesday

C. Monday

D. Friday ✓

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**Q7** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

14 : 196 :: 16 : 256 :: 18: ?

A. 328

B. 326

C. 314

D. 324 ✓

**Q8** General Intelligence and Reasoning

All 30 students are standing in a straight line facing the north. Amit is at $12^{th}$ position from the extreme left end. What is the position of Amit when considered from the extreme right end?

A. 19th ✓

B. 17th

C. 18th

D. 20th

**Q9** General Intelligence and Reasoning

What approximate value should come in place of the question mark (?) in the following equation?

$12.89 + 3.05 \times 84.95 \div 5.07 - 23.88 = ?$

A. 44

B. 48

C. 35

D. 40 ✓

**Q10** General Intelligence and Reasoning

Town C is to the north of Town F. Town O is to the east of Town F. Town Z is to the west of Town O. Town Y is to the south of Town Z. Town C is to the north-east of Town Y. What is the position of Town C with respect to Town Z?

A. North-East ✓

B. North-West

C. South-East

D. North

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**Q11** General Intelligence and Reasoning

Three statements are given followed by three conclusions. Consider the statements and conclusions to be true even if they vary from commonly known facts and then decide which of the conclusions follow(s) from the given statements.

Statements:

1. Some nails are rings.

2. All rings are fingers.

3. All nails are bracelets.

Conclusions:

(I) Some bracelets are rings.

(II) Some fingers are nails.

(III) No ring is a bracelet.

A. Only conclusion III follows.

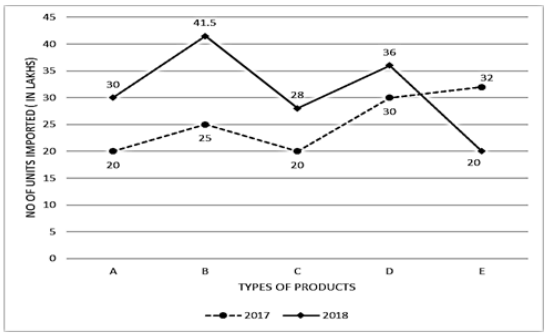
B. Only conclusion II follows.

C. Only conclusions I and II follow. ✓

D. None of the conclusions follow.

**Q12** General Intelligence and Reasoning

The line graph given below shows the total number of different products, A, B, C, D and E, (in lakhs) imported by a company in 2017 and 2018. Study the graph and answer the question.




The import of which type of product in 2017 was equal to the average import of A and E types of product in 2018?

A. A

B. B ✓

C. D

D. E

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**Q13** General Intelligence and Reasoning

Which two signs should be interchanged to make the following equation correct?

$28 \div 4 - 12 \times 5 + 11 = 56$

A. $\times$ and $\div$

B. $+$ and $-$ ✓

C. $\times$ and $+$

D. $\div$ and $-$

**Q14** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

2, 4, 5, 11, 20, 36, ?

A. 56

B. 67 ✓

C. 71

D. 74

**Q15** General Intelligence and Reasoning

Farhan started from his home and walked a distance of 'Y' eastwards. Then, he turned right and walked 10 m. After that, he turned right again and walked 25 m. Then, he took a left turn and walked 10 m, followed by a right turn and walking 15 m. He finally took a right turn and walked 20 m to reach his home. What is the value of Y?

A. 55m

B. 50m

C. 40m ✓

D. 30m

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**Q16** General Intelligence and Reasoning

This question is based on the following 3-letter words:

(left) BAT DIG FIT WIN (right)

If 'T' is added before each word, which of the following will form a meaningful English word?

A. Only FIT

B. Only BAT

C. Only WIN ✓

D. Only DIG

**Q17** General Intelligence and Reasoning

If the digits of the number 31275848 are arranged in decreasing order from left to right, what will be the sum of the first 3 digits from the left?

A. 20

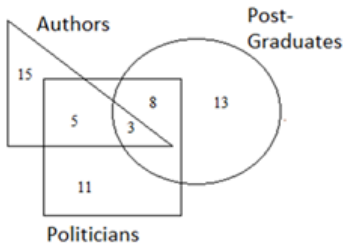
B. 12

C. 6

D. 23 ✓

**Q18** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many people are politicians as well as authors but do not have post-graduate degree?

A. 5 ✓

B. 3

C. 8

D. 11

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**Q19** General Intelligence and Reasoning

Refer to the following letter, number and symbol series and answer the question.

(Left) V 2 5 @ ƒ W ¥ # 2 Ω R Q 1 @ F B 4 # H 6 J % Y 3 Z(Right)

If all the numbers are dropped from the series, which of the following will be fifth from the right?

A. H ✓

B. #

C. J

D. B

**Q20** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down he numbers into its constituent digits. E.g. 12 – Operations on 12 such as adding/ subtracting/multiplying etc. to 12 can be performed. Breaking down 12 into 1 and 2 and then performing mathematical operations on 1 and 2 is not allowed)

(15, 450, 10)

(12, 540, 15)

A. (9, 18, 81)

B. (5, 25, 5)

C. (5, 60, 6)

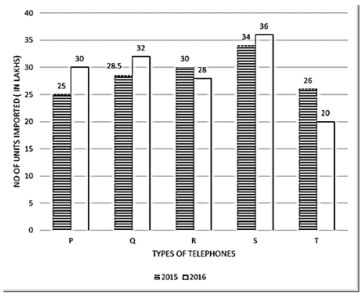
D. (11, 330, 10) ✓

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## Q21 General Intelligence and Reasoning

The bar graph given below shows the total number of different types of telephones P, Q, R , S and T (in lakh) imported by a company in 2015 and 2016. Study the graph and answer the question.




The average import of Q and R types of telephones in 2016 was equal to the average import of which types of telephone in 2015?

A. P and Q

B. Q and R

C. R and S

D. S and T ✓

## Q22 General Intelligence and Reasoning

Which of the following term will replace the question mark (?) in the given series to make it logically complete?

TR11, QO16, NL21, KI26, ?

A. HF31 ✓

B. HF33

C. KG31

D. KG33

## Q23 General Intelligence and Reasoning

All the students of a class are sitting in a queue facing north. Priti is at $17^{th}$ position from the start of the queue. Poonam is sitting ahead of Priti and there are exactly four students between them. Poonam is at $16^{th}$ position from the end of the queue. How many students are there in the class?

A. 27 ✓

B. 29

C. 37

D. 26

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**Q24** General Intelligence and Reasoning

Six people, A, B, C, D, E and F are sitting in a straight line, facing North (but not necessarily in the same order). Only one person sits to the left of D. Only two persons sit between F and C. B sits third to the right of E. D sits to the immediate left of F. E sits at the extreme left end. Who among the following has A and F as his immediate neighbours?

A. C

B. E

C. D

D. B ✓

**Q25** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Indian society is a symbol of unity in diversity.

Arguments:

I. People of different cultures celebrate their identity in Indian society.

II. Brain-drain in India is an indicator of unity in diversity.

A. I weakens while II strengthens the statement.

B. II weakens while I strengthens the statement. ✓

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement.

**Q26** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

Statement: $E < H < K = G > F > D$

A. $K < E$

B. $D > G$

C. $K < D$

D. $G > E$ ✓

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**Q27** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

DHP : HLT

MSO : QWS

A. SKF : WOJ ✓

B. SEW : WOJ

C. SWE : WJO

D. WSE : WJO

**Q28** General Intelligence and Reasoning

Refer to the following number series and answer the question.

6 3 5 3 5 6 3 2 2 2 5 1 9 5 4 8 9 5 2 7

How many such numbers are there in the series each of which is immediately preceded by an odd number and immediately followed by an even number?

A. 2

B. 4

C. 5 ✓

D. 3

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**Q29** General Intelligence and Reasoning

In this question, a group of letters is coded using symbols as per the table given below and the conditions which follow.
The correct combination of codes following the conditions is your answer.

| Letters | A | S | V | J | I | L | N | E |
|---|---|---|---|---|---|---|---|---|
| Codes | @ | > | ^ | % | = | # | $ | + |

Conditions:

1. If both the first and the last letters of the word are vowels, then both these letters will be coded as '&'.
2. If both the first and the last letters of the word are consonants, then the first letter of the word will be coded as '*'.

What will be the code for the word 'JAVELINS'?

A. % > ^ + #= $ >

B. % @ ^ + # =$ *

C. % @ ^ + # =$ >

D. * @ ^ + #= $ > ✓

**Q30** General Intelligence and Reasoning

A certain number of people are sitting in a row facing north. Y sits fourth to the right of A. Only four people sit between Y and Z. B sits second to the left of Z. Only one person sits between Z and C. X sits to the immediate right of C. X sits at one of the extreme ends of the row. If no other person is sitting in the row, what is the total number of persons seated?

A. 13 ✓

B. 15

C. 14

D. 12

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

PJC13, KEX20, FZS27, AUN34,?

A. VIP41

B. VPI41 ✓

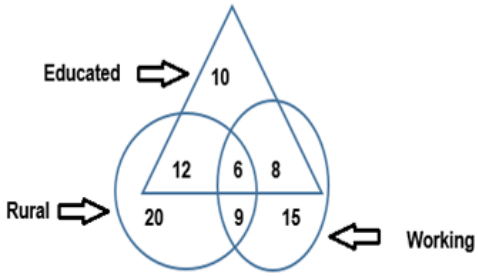
C. PVI39

D. PST39

**Q2** General Intelligence and Reasoning

Study the given diagram carefully and answer the question that follows.

The numbers in different sections indicate the number of people.




How many people are both Educated and Working but not Rural ?

A. 8 ✓

B. 6

C. 9

D. 14

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**Q3** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Fake news has become a problem of the 21st century over the globe.

Arguments:

I. A global level mechanism is needed to combat this worldwide problem.
II. Problems related to fake news are only present in India.

A. I weakens while II strengthens the statement.
B. II weakens while I strengthens the statement. ✓
C. Both I and II weaken the statement.
D. Both I and II strengthen the statement.

**Q4** General Intelligence and Reasoning

In a certain code language, 'RAPID' is written as 'ARPDI' and 'LOCAL' is written as 'OLCLA'. How will 'NEVER' be written in that language?

A. EVNRE
B. ENVRE ✓
C. ENEVR
D. ENVER

**Q5** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

$12 \times 6 \div 9 - 3 + 2 = ?$

A. 19 ✓
B. 18
C. 28
D. 29

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**Q6** General Intelligence and Reasoning

If 5 August 2012 is a Sunday, then what will be the day of the week on 17 September 2015?

A. Monday

B. Tuesday

C. Wednesday

D. Thursday ✓

**Q7** General Intelligence and Reasoning

If 1 is added to the first digits and 1 is subtracted from the last digits of each of the following numbers, then in how many numbers will the first digit be exactly divisible by the last digit?

242, 657, 864, 264, 674, 218, 845

A. 0

B. 1

C. 2

D. 3 ✓

**Q8** General Intelligence and Reasoning

P, R, T, V and W live on different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 5. V lives on the floor immediately below W. P lives on the floor immediately above T. R lives on the floor immediately above P. W lives on the floor immediately below T. Who lives on the third floor?

A. R

B. P

C. T ✓

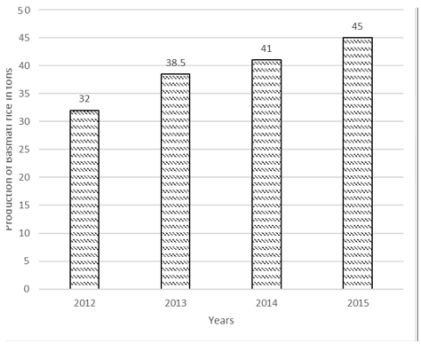
D. W

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**Q9** General Intelligence and Reasoning

The following bar graph shows the production of Basmati rice (in tons) over the years. Based on the following graph answer the question below.




What is the approximate percentage increase in Basmati rice production in 2015 as compared to Basmati rice production in 2012?

A. 28.4%

B. 48.38%

C. 40.6% ✓

D. 28.12%

**Q10** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

(Left) T B Y M R E S I C X Z O W A Q D F H G U K (Right)

Which letter is fifth to the right of the twelfth letter from your right end of the given series?

A. R

B. X

C. Q ✓

D. W

**Q11** General Intelligence and Reasoning

If each of the digits in the number 354698329 is arranged in ascending order from left to right, then the position of how many digits will change as compared to that in the original number?

A. 6

B. 8 ✓

C. 5

D. 4

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**Q12** General Intelligence and Reasoning

In a certain code language, 'STRAIGHT' is written as 'TUSAIHIU' and 'TAKEOVER' is written as 'UBLEOWFS'. How will 'TENDENCY' be written in that language?

A. UFODEODZ ✓

B. UFPDEODZ

C. UFOEDODZ

D. UFODEOEZ

**Q13** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

12, 14, 18, 26, 42, ?

A. 72

B. 74 ✓

C. 78

D. 76

**Q14** General Intelligence and Reasoning

Seven people, P, Q, R, S, T, U, and V are sitting in a straight line, facing north. Exactly two people are sitting to the left of T. Q is sitting second to the right of R who is to the immediate right of someone at the end. Only three people are sitting between T and P. Q is not an immediate neighbour of P. S is sitting to the immediate right of U. Who is sitting at the extreme left end of the line?

A. V ✓

B. P

C. S

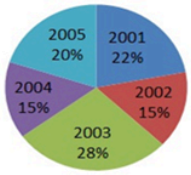
D. U

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**Q15** General Intelligence and Reasoning

The given pie chart shows the sales of a company over five years. Study the chart and answer the question.




**Total sale in five years = ₹50,00,000**

Sale = expenditure + profit

Profit % = (profit/expenditure) x 100 %

If profit of the company in 2005 was 25%, then find the expenditure in 2005?

A. ₹8,00,000 ✓

B. ₹7,50,000

C. ₹62,500

D. ₹7,20,000

**Q16** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

ABC : EFG

PQR : TUV

A. PKL : RSM

B. MNO : PQR

C. GHI : DEF

D. XYZ : BCD ✓

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**Q17** General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) from the statement(s).

Statement:

$C = A \leq S < H \leq I = G$

Conclusions:

I. $G \geq S$

II. $C < H$

A. Only conclusion I follows

B. Either conclusion I or II follows

C. Neither conclusion I nor II follows

D. Only conclusion II follows ✓

**Q18** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

7, 23, ?, 79, 119, 167

A. 39

B. 47 ✓

C. 52

D. 61

**Q19** General Intelligence and Reasoning

Each of students, D, F, G, H, S, T and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week but not necessarily in the same order. D's exam is on the day immediately before G's exam. V's exam is on the day immediately after T's exam. Only one student has exam between D and F. V's exam is on Wednesday and H's exam is on Friday. F's exam is neither on Monday nor on Saturday. Who has exam on Thursday?

A. F ✓

B. D

C. G

D. V

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**Q20** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below:

(Left) 876 643 453 974 227 (Right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE - All operations to be done from left to right.)
If all the numbers of the given series are arranged in descending order, the position of which of the following numbers will remain unchanged?

A. 876
B. 643
C. 453
D. 227 ✓

**Q21** General Intelligence and Reasoning

Sapna went 2 km straight from her office in the west direction then took a right turn and travelled 4 km. She again turned right and travelled 5 km and then turned left and reached home after travelling 1 km. Which direction was she facing when reached home?

A. North ✓
B. West
C. East
D. South

**Q22** General Intelligence and Reasoning

Five people, A, D, E, F and K, are sitting around a circular table facing the centre . A is the immediate neighbour of D and E. F is the immediate neighbour of E and K. Who is the immediate neighbour of both A and F?

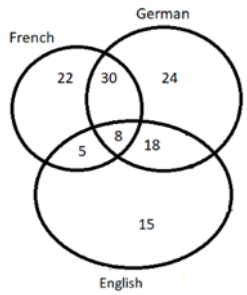
A. D
B. E ✓
C. K
D. B

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**Q23** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of people with knowledge of different languages – French, German and English.




How many people know at least two languages?

A. 53

B. 61 ✓

C. 35

D. 23

**Q24** General Intelligence and Reasoning

Six boxes, D, E, F, G, H, and I, are kept one over the other but not necessarily in the same order.

Only two boxes are kept between D and I. D is kept at the third place from the top. Only one box is between E and I. Also, there is only one box between E and F. Which box is kept at the third place from the bottom?

A. E ✓

B. F

C. H

D. G

**Q25** General Intelligence and Reasoning

Amongst six friends O, P, Q, R, S and T, each has a different height. P is taller than O. Q is taller than S but shorter than O. R is shorter than S but taller than T. Who is the tallest among all the friends?

A. O

B. P ✓

C. Q

D. R

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**Q26** General Intelligence and Reasoning

Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

27 : 13 :: 65 : 32 :: 71 : 35 :: 51 : ?

A. 26

B. 25 ✓

C. 17

D. 15

**Q27** General Intelligence and Reasoning

If each digit of the number 72514368 is subtracted from 9, how many even digits will be there in the newly formed number?

A. 6

B. 5

C. 4 ✓

D. 3

**Q28** General Intelligence and Reasoning

When asked about the direction of the stadium from the bus stop, Akhil said, "One must walk 100 m towards the south. Then one must take a left turn and walk 120 m. Then one must take a left turn again and walk 370 m. Then, again, one must take a left turn and walk 400 m. Then one must take a left turn again and walk 370 m. Then, again, one must take a left turn and walk 110 m. Finally, one must take one last left turn and walk 100 m to reach the stadium". How far and in which direction is the stadium from the bus stop? (All turns are 90 degree turns only)

A. 170 m, East

B. 170 m, West ✓

C. 140 m, East

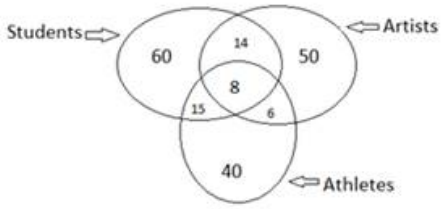
D. 140 m, West

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**Q29** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many people are Students but neither Artists nor Athletes?

A. 40

B. 60 ✓

C. 14

D. 15

**Q30** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(28, 33, 48)

(67,72 ,87)

A. (125, 150, 165)

B. (25, 38, 43)

C. (57,72 ,82)

D. (29, 34, 49) ✓

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**Q1** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(10, 144)

(17,361)

A. (12, 169)

B. (9, 100)

C. (21, 529) ✓

D. (11, 144)

**Q2** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All pens are sketch-pens.
2. Some sketch-pens are markers.
3. No marker is a drawing.

Conclusions:

I. Some drawings are markers.
II. No pen is a drawing.
III. Some sketch-pens are pens.

A. Only conclusions I and II follow

B. Only conclusions II and III follow

C. Only conclusion I follows

D. Only conclusions III follows ✓

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**Q3** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All TVs are radios.

Some radios are mobiles.

All mobiles are pen drives.

Conclusions:

(I) Some radios are pen drives.

(II) Some TVs are mobiles.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Neither conclusion I nor II follow

D. Both conclusions I and II follow

**Q4** General Intelligence and Reasoning

Five persons are sitting in a straight row, facing North. K and N are sitting at the two extreme ends. R is sitting to the immediate left of L. M is sitting to the immediate left of N. K and L are the immediate neighbours of R. What is R's position when counted from the extreme left end?

A. Second ✓

B. Third

C. Fourth

D. Fifth

**Q5** General Intelligence and Reasoning

In the given question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

Statement: $B = T < E \leq G > H > Q$

Conclusions: I. $G > B$

II. $G > Q$

A. Only conclusion I is true

B. Only conclusion II is true

C. Neither conclusion I nor II is true

D. Both conclusions I and II are true ✓

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**Q6** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

Farmers in Village X should switch to crops that require comparatively less water for irrigation as compared to sugarcane.

**Arguments:**

I. Availability of water for irrigation has been on a constant decline in Village X for last few years.

II. Main source of income of farmers in Village X is through sale of sugarcane crop to the nearby sugar factories.

A. I weakens while II strengthens the statement.

B. II weakens while I strengthens the statement.

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement. ✓

**Q7** General Intelligence and Reasoning

Seven boxes, O, P, Q, R, S, T and U, are kept one over the other, but not necessarily in the same order. Only four boxes are between Q and P. U is exactly in the middle of the pile. R is immediately below Q. S is exactly third from the bottom. Only T is between S and P. Q is immediately below O. Which box is at the top-most position?

A. Q

B. O ✓

C. R

D. P

**Q8** General Intelligence and Reasoning

In a row of people all facing north, Mohit is at $20^{th}$ position from the extreme left end and $30^{th}$ from the extreme right end of the row. How many people are there in the row?

A. 40

B. 49 ✓

C. 50

D. 39

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**Q9** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

Statement: $Z < X \geq U = Y < V \leq W$

A. $Y > W$

B. $V > U$ ✓

C. $Z > X$

D. $X < Y$

**Q10** General Intelligence and Reasoning

30 soldiers are standing in a straight row facing the north. Ramsingh is $6^{th}$ from the right end and Abhimanyu is $14^{th}$ from the right end as well. How many soldiers are standing between Ramsingh and Abhimanyu?

A. 8

B. 16

C. 24

D. 7 ✓

**Q11** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

13 : 19 :: 3 : 7 :: 31 : ?

A. 41 ✓

B. 47

C. 51

D. 39

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**Q12** General Intelligence and Reasoning

In a certain code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

| Number/ Symbol | 1 | ! | 2 | @ | 3 | # | 4 | $ | 5 | % | 6 | ^ | 7 | & | 8 | * | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | T | D | C | R | G | B | Y | H | N | J | P | L | Q | S | D | F | Z |

**Conditions:**

I. If the first element is an even number and the last is an odd number, the code for the first and last elements will be K.

II. If both the second and third elements are even numbers, the codes for these two are to be interchanged.

III. If the first element is a number and the last a symbol, the code for the first element is to be used for the last element also.

What will be the code for **2$4%3&?**

A. CHYJGC ✓

B. CHYJGS

C. SHYJGC

D. SHYJGS

**Q13** General Intelligence and Reasoning

Town F is to the north of Town M. Town B is to the west of Town M. Town C is to the east of Town M. Town D is to the south of Town C. What is the position of Town F with respect to Town D?

A. North-East

B. North- West ✓

C. South-East

D. South-West

**Q14** General Intelligence and Reasoning

Refer to the following letter-symbol series and answer the question that follows.

N S $ F $ & H H Y T G B R ^ @ D R $ V % ^ V # D % C D @

How many such symbols are there that are immediately preceded by a letter and also immediately followed by a letter?

A. 1

B. 2

C. 3

D. 4 ✓

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**Q15** General Intelligence and Reasoning

If '+' means '×', '×' means '÷', '÷' means '−', and '−' means '+', then what will be the value of the given expression?

215 x 5 ÷ 4 − 18 × 3

A. 95

B. 39

C. 86

D. 45 ✓

**Q16** General Intelligence and Reasoning

Six friends, F, G, H, J, K and L are having dinner sitting around a round table in a restaurant facing the center (but not necessarily in the same order). K is the immediate neighbor of H and J. F is sitting to the immediate right of H. L is to the immediate left of J. Who is sitting to the immediate right of G?

A. F

B. L ✓

C. H

D. J

**Q17** General Intelligence and Reasoning

If '+' means '×', '×' means '÷', '÷' means '−', and '−' means '+', then what will be the value of the given expression?

87 × 3 − 8 + 5 ÷ 10

A. 59 ✓

B. 19

C. 47

D. 57

**Q18** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

ZRW21, XPU25, VNS29, TLQ33, ?

A. RJO37 ✓

B. JRO37

C. ORJ37

D. OPJ36

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**Q19** General Intelligence and Reasoning

Refer to the following number-symbol series and answer the question that follows.

(Left) 1 3 & > 3 $ 8 4 ! > 9 3 4 1 @ $ 3 5 > @ # 2 9 8 6 9 ! 9 (Right)

If all the numbers are dropped from the series, which of the following symbols will be the seventh to the left of the third from the right?

A. &

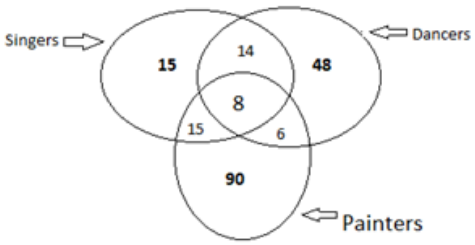
B. > ✓

C. $

D. @

**Q20** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many people are Singers as well Dancers but not Painters?

A. 22

B. 8

C. 14 ✓

D. 15

**Q21** General Intelligence and Reasoning

If 13 May 2007 is a Sunday, then what will be the day of the

week on 17 May 2013?

A. Friday ✓

B. Monday

C. Sunday

D. Wednesday

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**Q22** General Intelligence and Reasoning

Alok starts from Point B and drives 5 km towards the north. He then takes a right turn, drives 10 km, turns right and drives 5 km. He takes a final right turn, drives 3 km and stops at Point X. How far and towards which direction should he drive in order to reach Point B from Point X? (All turns are 90 degree turns only)

A. 7 km towards the east

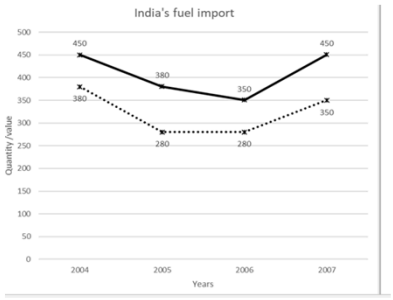
B. 5 km towards the east

C. 7 km towards the west ✓

D. 6 km towards the west

**Q23** General Intelligence and Reasoning

The line graph given below shows India's total quantity of fuel imported (in million tonnes) (dotted line) and the total value of that fuel imported (in USD billion) (solid line) for the year 2004-2007. Study the graph and answer the question.




What was the ratio of the quantity of fuel imported to the value of fuel imported in the year 2006?

A. 4 : 5 ✓

B. 4 : 6

C. 7 : 9

D. 2 : 3

**Q24** General Intelligence and Reasoning

If × stands for −, ÷ stands for +, + stands for ÷ and – stands for ×, what will come in place of the question mark (?) in the following equation?

$24 \div 30 - 9 + 15 \times 18 = ?$

A. 32

B. 29

C. 24 ✓

D. 42

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**Q25** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

15, 17, 20, 25, 32, ?

A. 45

B. 44

C. 43 ✓

D. 40

**Q26** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

14, 18, 26, 38, 54, ?

A. 78

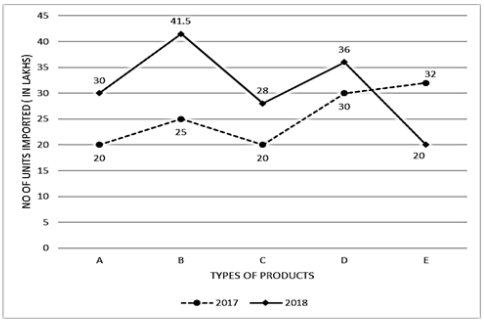
B. 70

C. 74 ✓

D. 72

**Q27** General Intelligence and Reasoning

The line graph given below shows the total number of different products A, B, C, D and E (in lakh) are imported by a company in 2017 and 2018. Study the graph carefully and answer the following question.




What was the ratio of the number of type C products imported in the year 2017 to that in 2018?

A. 5 : 7 ✓

B. 4 : 6

C. 7 : 5

D. 2 : 3

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**Q28** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word HMADIST is arranged in alphabetical order?

A. None

B. One

C. Two ✓

D. Three

**Q29** General Intelligence and Reasoning

In a code language, 'mangoes are here' is written as 'tod din mul', 'no fruit is like mangoes' as 'mado si fla pri tod' and 'I am here' as 'lopi din nro'. What code words are written for ' mangoes' and 'here' respectively?

A. tod, mul

B. tod, din ✓

C. din, mul

D. mul, tod

**Q30** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

TXB : QWE : : REA: ODD : : DUW : ?

A. BTZ

B. ATZ ✓

C. AQX

D. ATX

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$5.18 \times 4 + 2.06 \times 5 - 10 \div 2 + 1 = ?$

A. 30

B. 26 ✓

C. 40

D. 15

**Q2** General Intelligence and Reasoning

If 19 November 2005 is a Saturday, then what will be the day of the week on 23 November 2008?

A. Wednesday

B. Sunday ✓

C. Friday

D. Tuesday

**Q3** General Intelligence and Reasoning

40 students of a class are standing in a queue according to the increasing order of their heights. Suhani is $8^{th}$ from the front, while Syma is $8^{th}$ from the back. How many students are standing between Suhani and Syma?

A. 21

B. 23

C. 24 ✓

D. 25

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**Q4** General Intelligence and Reasoning

Amit starts from Point Y and drives 8 km towards the north. He then takes a right turn, drives 12 km, turns right and drives 11 km. He then takes a right turn and drives 15 km. He takes a final right turn, drives 3 km and stops at Point Z. How far and towards which direction should he drive in order to reach Point Y from Point Z? (All turns are 90 degree turns only)

A. 3 km towards the north

B. 2 km towards the east

C. 3 km towards the east ✓

D. 2 km towards the west

**Q5** General Intelligence and Reasoning

Each vowel in the word THUNDER is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear in the middle of the group of letters thus formed?

A. O

B. M ✓

C. V

D. N

**Q6** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

OKD : RNG

MKS : PNV

A. RVH : UYK ✓

B. RVH : VUK

C. HVK : UKH

D. HKV : EKH

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**Q7** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

3, 4, 4, 6, 12, 15, ?, 49, 196, 201

A. 27

B. 32

C. 37

D. 45 ✓

**Q8** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

BKS36, GPX48, LUC60, QZH72,?

A. VEM84 ✓

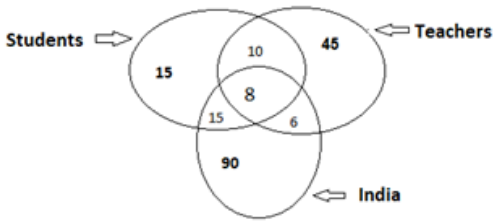
B. MVE88

C. VEM88

D. MVE84

**Q9** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such students are there who are also teachers but NOT from India?

A. 10 ✓

B. 12

C. 20

D. 60

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**Q10** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

87, 76, 67, 60, 55, ?

A. 50

B. 51

C. 52 ✓

D. 53

**Q11** General Intelligence and Reasoning

Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All pictures are drawings.
2. No drawing is caricature.
3. All figures are caricatures.

**Conclusions:**

I. Some figures are pictures.

II. No caricature is picture.

III. No picture is figure.

IV. Some caricatures are pictures.

A. Only conclusions I follows

B. Only conclusions II and III follow ✓

C. Only conclusions I and IV follow

D. Only conclusion IV follows

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**Q12** General Intelligence and Reasoning

Read the given statement and arguments carefully and select the appropriate answer from the given options.

Statement:

Unemployment among youth has emerged as the biggest challenge in post-COVID-19 times.

Arguments:

I. Many small-scale industries stopped working during the COVID period.
II. People do not want to work in small scale industries.

A. I weakens while II strengthens the statement.
B. II weakens while I strengthens the statement.
C. Both I and II weaken the statement.
D. Both I and II strengthen the statement.

Dropped by RRB: discrepancy found in question/answer, ignored for all candidates (no answer key).

**Q13** General Intelligence and Reasoning

Study the following number arrangement and answer the question given below. All numbers given below are 2 digit numbers.

23 35 76 87 45 28 49 98 56 34 37 48 78 75 64 89 73

What will be the product of numbers that is third from the left end and fifth from the right end in the above series?

A. 6525
B. 2880
C. 5928 ✓
D. 4586

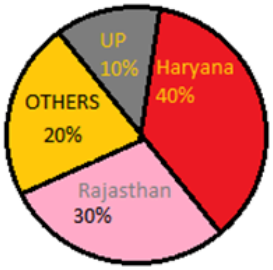
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**Q14** General Intelligence and Reasoning

Study the given pie chart and answer the question that follows.

The pie-chart shows the number of tourists visiting from different states. The total tourist traffic is 20 lakh.




Find the difference between the number of tourists visiting from Haryana and Rajasthan.

A. 3 lakh

B. 4 lakh

C. 2 lakh ✓

D. 5 lakh

**Q15** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. Some apricots are peaches.
2. Some kiwis are apricots.
3. All apricots are sweet-limes.

Conclusions:

I. Some sweet-limes are kiwis.

II. No peach is sweet-lime.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Either conclusion I or II follow

D. Both conclusions I and II follow

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**Q16** General Intelligence and Reasoning

J, L, N, P, R, T, V and W are sitting around a square table facing the centre of the table (but not necessarily in the same order). Some of them are sitting at the corners while some are sitting at the exact centre of the sides. W is on the immediate left of J but not an immediate neighbour of P or R. T is on the immediate right of L. N has R and T as his immediate neighbours, V is immediate neighbour of R. Who is sitting to the immediate left of P?

A. J ✓

B. L

C. R

D. V

**Q17** General Intelligence and Reasoning

If the digits 6 and 5 are replaced with 3 and 9, respectively, in the number 265367856, what will be the sum of the $1^{st}$ and the $5^{th}$ digits (when counted from the left) in the new number thus formed?

A. 8

B. 5 ✓

C. 13

D. 17

**Q18** General Intelligence and Reasoning

Read the given statements and conclusions carefully and decide which of the given conclusions logically follows the statements.

**Statements:**

1. $D \geq S$
2. $X < W$
3. $S = J$
4. $W > Y$
5. $X > D$
6. $J \geq E$

**Conclusions:**

I. $D < Y$

II. $D = E$

III. $E = S$

IV. $W > J$

A. Only conclusion I follows

B. Only conclusion II follows

C. Only conclusion IV follows ✓

D. Only conclusion III follows

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**Q19** General Intelligence and Reasoning

Six friends M, N, O, P, Q and R are seated around a round table facing the centre. P is an immediate neighbour of both N and R. Q is an immediate neighbour of both M and O. N is not seated at either side of O. Where is M seated?

A. Beside O

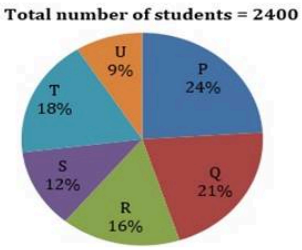
B. Beside N ✓

C. Beside P

D. Beside R

**Q20** General Intelligence and Reasoning

The given pie chart shows the number of students in six different Houses- P, Q, R, S, T and U of VV International School. Study the chart and answer the question.




Find the ratio of students in House S to students in House T.

A. 1 : 2

B. 3 : 4

C. 2 : 3 ✓

D. 4 : 7

**Q21** General Intelligence and Reasoning

Study the given number series and answer the question that follows.

(Left) 9 6 7 6 8 2 5 7 3 2 5 8 6 2 7 5 4 9 2 4 7 3 8 5 (Right)

How many such even numbers are there each of which is immediately preceded by an odd number and also immediately followed by an odd number?

A. 4 ✓

B. 8

C. 6

D. 2

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**Q22** General Intelligence and Reasoning

All 24 students of a class are standing in a straight row facing north. Neha is $8^{th}$ from the right end, while Abhishek is $20^{th}$ from the left end. How many students are standing between Neha and Abhishek?

A. 2 ✓

B. 4

C. 3

D. 1

**Q23** General Intelligence and Reasoning

A group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ symbol | 4 | % | 5 | 8 | @ | $ | 5 | 4 | ^ | + | # | 3 | 7 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code Letter | G | O | H | P | T | M | A | B | L | N | F | S | Q | R |

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for 5 @ $ ^ 8 ?

A. HTMLP

B. HTML©

C. ©TMLP

D. ©TML© ✓

**Q24** General Intelligence and Reasoning

A certain number of persons are standing in a straight row facing North. X is standing to the immediate left of W but immediate right of R. Z is standing to the immediate left of R. There is only one person to the left of P. Q is standing to the immediate left of Y. The person standing at the extreme right end is the only person to the right of Y. Only four persons are standing between P and Q. If no other person is standing in the row, what is the total number of persons standing?

A. Seven

B. Eight

C. Nine ✓

D. Ten

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**Q25** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

8 : 32 :: 18 : 162 :: 16 : ?

A. 118

B. 130

C. 128 ✓

D. 120

**Q26** General Intelligence and Reasoning

Amongst six cousins, P, Q, R, S, T and U, each are of a different age. P's age is more than that of only one cousin. Q's age is more than that of S and P but not more than that of R. S's age is immediately more than P's age. R is younger than U. T is the youngest. Who is the oldest among all the cousins?

A. Q

B. U ✓

C. S

D. T

**Q27** General Intelligence and Reasoning

A group of numbers/symbols is coded using letters as per the table given below and the conditions that follow. The correct combination of codes following the conditions is your answer.

| Number/ symbol | 6 | % | 8 | 9 | @ | $ | 5 | 4 | ^ | + | # | 3 | 7 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code Letter | G | O | H | Q | T | M | A | B | L | M | F | S | Q | R |

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for 3 @ 4 # 4 ?

A. STBF©

B. SFTF©

C. ©TFBC

D. ©TBF© ✓

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**Q28** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

72 : 90 :: 48: 60 :: 24: ?

A. 40

B. 24

C. 30 ✓

D. 32

**Q29** General Intelligence and Reasoning

If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 5374816. What will be the product of the digits which are second from the left and second from the right in the new number thus formed?

A. 20

B. 3

C. 28

D. 15 ✓

**Q30** General Intelligence and Reasoning

Jyoti starts from the mall and drives 4 km towards West. She then takes a left turn, drives 8 km, turns left and drives 24 km. She then takes a left turn and drives 6 km. She then turns left, drives 6 km and reaches her home. Which direction is the mall with reference to her home?

A. North

B. North- West ✓

C. South- east

D. South - West

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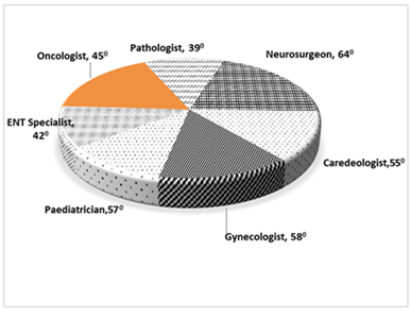
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## General Intelligence and Reasoning

30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

The following pie chart shows the different specialists in ABC hospital during the year 2021-2022. Study the pie-chart and answer the question.




If the total number of all these specialists was 60, then how many ENT specialists were there in the hospital?

A. 5

B. 7 ✓

C. 10

D. 12

**Q2** General Intelligence and Reasoning

Six persons are sitting around a circular table facing the centre. Alok sits to the immediate right of Sonu. Ladoo sits third to the left of Alok. Soni sits third to the right of Sonu. Dimple is an immediate neighbour of both Ladoo and Sonu. Sushma is not an immediate neighbour of Ladoo. Who sits second to the right of Sushma?

A. Ladoo ✓

B. Dimple

C. Alok

D. Sonu

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**Q3** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 986 432 631 387 267 (Right)

(Example- 123 – First digit = 1, second digit = 2 and third digit = 3)

NOTE - All operations to be done from left to right.

What will be the resultant if the second digit of the third greatest number is added to the third digit of the smallest number?

A. 12

B. 11

C. 10 ✓

D. 9

**Q4** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

MODERN : RONMED :: GERMAN : AENGMR :: JUNIOR : ?

A. OURJNI

B. OURJIN ✓

C. OUJRIN

D. ORUJIN

**Q5** General Intelligence and Reasoning

A certain number of persons are sitting in a row, facing North. Hriday is sitting to the immediate right of Vijay. There are only three persons sitting between Gaurav and Vijay. Vijay is sitting exactly second to the left of Imran, who is sitting at the extreme right end. Kiara and David are immediate neighbours of Lalita. There is only one person to the left of Gaurav. If no other person is sitting in the row, what is the total number of persons seated?

A. Six

B. Seven

C. Eight ✓

D. Nine

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**Q6** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All potatoes are tomatoes.

All tomatoes are onions.

All onions are books.

Conclusions:

(I) Some books are potatoes.

(II) Some onions are tomatoes.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follow

D. Both conclusions I and II follow ✓

**Q7** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some chairs are tables.

Some tables are pens.

All pens are inks.

Conclusions:

(I) Some chairs are pens.

(II) Some tables are inks.

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Neither conclusion I nor II follow

D. Both conclusions I and II follow

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**Q8** General Intelligence and Reasoning

Refer to the following letter, symbol series and answer the question.

R # A $ G H K % T B M & N Y ÷ X B / L Q @ D

If the second symbol and third letter from the left end of series are combined with the fifth and six terms from the right end of the series, then what letter symbol combination will be formed?

A. $ # B X

B. # $ L B

C. # A / B

D. $ G / B ✓

**Q9** General Intelligence and Reasoning

Each of the digits in the number 354982 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. One

B. Two ✓

C. Three

D. None

**Q10** General Intelligence and Reasoning

Seven boxes are kept one over the other but not necessarily in the same order. S is fifth from the top. Only two boxes are kept between S and V. R is kept just below V. Only two boxes are kept between P and T. P is placed in one of the positions above T. Only one box is kept between S and Q. Which box is kept fourth from the bottom?

A. S

B. T ✓

C. R

D. U

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**Q11** General Intelligence and Reasoning

U, V, W, X, Y and Z are sitting in a row facing towards North (but not necessarily in the same order). Z is sitting second to the right of V and immediate left of Y. Only one person is sitting between U and V. W is not the immediate neighbor of U. Who is sitting at second position from the right end?

A. Z ✓

B. Y

C. U

D. X

**Q12** General Intelligence and Reasoning

What will come in the place of '?' in the following equation, if '+' and ' – ' are interchanged and also '×' and '÷' are interchanged?

$45 \times 15 \div 40 - 30 + 5 = ?$

A. 126

B. 125

C. 145 ✓

D. 146

**Q13** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

14 : 20 :: 26 : 38 :: 18: ?

A. 24

B. 30

C. 26 ✓

D. 28

**Q14** General Intelligence and Reasoning

In a code language, 'weather is cool' is written as 'nu vu du', 'temperature cool now' is written as 'hu du ru' and ' temperature is high' is written as 'tu vu ru'. What is the code for the word 'high' in that language?

A. tu ✓

B. vu

C. ru

D. du

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**Q15** General Intelligence and Reasoning

All 20 students of a class are standing in a straight row facing north. Shilpa is $7^{th}$ from the right end, while Nikhil is $18^{th}$ from the left end. How many students are standing between Shilpa and Nikhil?

A. 3 ✓

B. 2

C. 1

D. 4

**Q16** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $N < L > J < K > I = H \leq G$

Conclusions:

I. $J = G$

II. $K > H$

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true

**Q17** General Intelligence and Reasoning

Kavya went 1 km straight from her friend's home, then turned left and moved 3 km straight. She again turned left and travelled 4 km, from there she turned left and moved 1 km. If she was moving in the west direction at last, then in which direction she initially moved from her friend's home?

A. South ✓

B. West

C. North

D. East

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**Q18** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some notebooks are pencils.

All pencils are bags.

All bags are bottles.

Conclusions:

(I) All pencils are bottles.

(II) Some bags are notebooks.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follow

D. Both conclusions I and II follow ✓

**Q19** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

3, 7, 6, 14, 12, 28, 24, ?

A. 51

B. 54

C. 56 ✓

D. 60

**Q20** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 734 462 397 354 881 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

If all the numbers are arranged in ascending order, the position of how many numbers will remain unchanged?

A. 0

B. 1 ✓

C. 2

D. 3

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**Q21** General Intelligence and Reasoning

In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$H \geq E > S \leq T = P > Q$

**Conclusions:**

1. $Q = T$

2. $S < H$

3. $S > P$

4. $E > T$

A. 1

B. 2 ✓

C. 3

D. 4

**Q22** General Intelligence and Reasoning

Select the combination of letters and numbers that when sequentially placed from left to right in the same sequence in the blanks of the given series, will complete the series.

D _ H 10 L _ P 18 _

A. F N 20

B. 6 14 T ✓

C. 7 12 S

D. 8 S 20

**Q23** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

17, 30, 47, 66, 89, ?

A. 117

B. 118 ✓

C. 119

D. 116

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**Q24** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

6 : 64 :: 11: 169 :: 8 : ?

A. 81

B. 100 ✓

C. 70

D. 72

**Q25** General Intelligence and Reasoning

Shyam starts from Point A and drives 15 km towards the north. He then takes a right turn, drives 5 km, turns right and drives 20 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 5 km and stops at Point P. How far and towards which direction should he drive in order to reach Point A from Point P in a straight line? (All turns are 90 degree turns only)

A. 4 km towards the east

B. 5 km towards the west

C. 5 km towards the east ✓

D. 7 km towards the west

**Q26** General Intelligence and Reasoning

The following table shows the sales of different brands of mobiles of a shop during the years 2018-2020. Study the table and answer the question.

| Year | Brand (in thousands) | | |
|---|---|---|---|
| | A | S | M |
| 2018 | 175 | 388 | 112 |
| 2019 | 312 | 401 | 146 |
| 2020 | 202 | 255 | 126 |

What is the percentage decrease in the sales of brand S from the year 2019 to 2020?

A. 36.40% ✓

B. 57.25 %

C. 53.62%

D. 38.32%

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**Q27** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below:

(Left) 485 746 379 137 254 (Right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE - All operations to be done from left to right.)
If all the numbers of the given series are arranged in ascending order, the position of which of the following numbers will remain unchanged?

A. 137
B. 254
C. 379 ✓
D. 746

**Q28** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

"If waste management capabilities of Hospital X are dealt with, we will definitely win the 'excellence in service' award for year 22-23." One of the board of directors from Hospital X.

**Arguments:**

I. In four separate incidents in the year 22-23, 15 patients lost their lives and 46 were injured due to various incidents such as fire breakout in ICU, lack of oxygen etc.

II. Hospital A located in the nearby city has won 'excellence in service' award for a record five times.

A. I weakens while II strengthens the statement.
B. II weakens while I strengthens the statement.
C. I weakens while II is a neutral argument ✓
D. II weakens while I is a neutral argument

**Q29** General Intelligence and Reasoning

In a certain code language, 'KHADI' is written as ' OJGNQ ' and 'DRINK' is written as 'QTOXJ'. How will 'INLET' be written in that language?

A. YKRTO
B. ZKRTP
C. ZKRTO ✓
D. ZLRTO

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**Q30** General Intelligence and Reasoning

What approximate value should come in place of the question mark (?) in the following equation?

$14.95 \times 27.05 \div 2.99 - 35.98 + 12.10 = ?$

A. 112

B. 111 ✓

C. 110

D. 109

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Each of the digits in the number 43162857 is arranged in descending order from left to right. What will be the difference of the digits which are second from the left and second from the right in the new number thus formed?

A. 6

B. 5 ✓

C. 7

D. 3

**Q2** General Intelligence and Reasoning

Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

7 : 2 :: 26 : 3 :: 63 : 4 :: 124 : ?

A. 7

B. 6

C. 4

D. 5 ✓

**Q3** General Intelligence and Reasoning

Kavita moves 2 km Northwards from her office, then she turned 270 degree clockwise and moved 3 km straight and then she turned left and moved 2 km straight to reach her home. In which direction is she with respect to the starting point?

A. East

B. North-East

C. West ✓

D. South

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**Q4** General Intelligence and Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

X4KT, W8PO, V12UJ, U16ZE, ?

A. T16EZ

B. U20EA

C. T20EZ ✓

D. U16EZ

**Q5** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

4, 5, 13, 40, ?, 229, 445, 788, 1300

A. 102

B. 104 ✓

C. 106

D. 110

**Q6** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below:

(Left) 158 518 182 305 510 (Right)

What will be the resultant if the third digit of the second smallest number is added to the first digit of the largest number?

A. 7 ✓

B. 10

C. 8

D. 6

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**Q7** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some towels are soaps.

All soaps are shampoos.

All shampoos are brushes.

Conclusions:

(I) All soaps are brushes.

(II) Some brushes are shampoos.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follow

D. Both conclusions I and II follow ✓

**Q8** General Intelligence and Reasoning

Refer to the following number series and answer the question.

2 3 5 6 5 7 9 2 4 8 6 5 8 4 8 4 8 3 3 7 8 3

How many such odd numbers are there each of which is immediately preceded by an even number and also immediately followed by an even number?

A. One ✓

B. Two

C. Four

D. None

**Q9** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$17.99 - 16.02 + 19.89 \times 8.19 = ?$

A. 162 ✓

B. 122

C. 42

D. 330

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**Q10** General Intelligence and Reasoning

The following table shows the sales volume of three top selling products - A, B and C - of NOM Ltd. over the years 2016-2020. Study the table and answer the question.

| Year | Quantity (in lakhs) | | |
|---|---|---|---|
| | A | B | C |
| 2016 | 342 | 357 | 370 |
| 2017 | 284 | 374 | 400 |
| 2018 | 315 | 386 | 315 |
| 2019 | 298 | 343 | 416 |
| 2020 | 252 | 322 | 290 |

What is the approximate average number of product C (in lakhs) sold during the years 2016-2020?

A. 358 ✓

B. 390

C. 447

D. 500

**Q11** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

C @ B N M K J % F K L I & S E W * P O S E A

How many such symbols are there in the above series which are immediately preceded and followed by a vowel?

A. Zero

B. One ✓

C. Two

D. Three

**Q12** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$14.96 + 10.96 + 13.16 - 12.89 \times 2.04 = ?$

A. 13 ✓

B. 17

C. 15

D. 19

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**Q13** General Intelligence and Reasoning

Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements

Statements:

1. All cars are scooters.
2. All scooters are trucks.
3. No helicopter is truck.

Conclusions:

I. No truck is scooter.
II. All cars are trucks.
III. Some trucks are scooters.
IV. No car is helicopter.

A. Only either conclusions I or IV follow and III follow

B. Only either conclusions I or IV follow

C. Only conclusions II, III and IV follow ✓

D. All the conclusions follow

**Q14** General Intelligence and Reasoning

In a certain code language, 'DOCTOR' is written as 'SPUDPE' and 'NURSE' is written as 'FTSVO'. How will 'WOUND' be written in the same code language?

A. EPVOY

B. CMTNV

C. OVPOX

D. EOVPX ✓

**Q15** General Intelligence and Reasoning

Amongst six friends, G, K, M, P, R, and V, each has a different height. R is shorter than K but taller than V, who is taller than G. P is taller than M but shorter than G. Who is the shortest of all six friends?

A. P

B. M ✓

C. V

D. G

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**Q16** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

5, 11, 7, 12, 10, 14, 14, 17, 19, ?

A. 20

B. 21 ✓

C. 22

D. 23

**Q17** General Intelligence and Reasoning

Avadh starts from Point F and drives 5 km towards the west. He then takes a right turn, drives 5 km, turns right and drives 5 km. Then he takes a final left turn, drives 2 km and stops at Point D. How far and towards which direction should he drive in order to reach Point F from Point D? (All turns are 90 degree turns only)

A. 7 km towards the south ✓

B. 2 km towards the east

C. 7 km towards the east

D. 2 km towards the west

**Q18** General Intelligence and Reasoning

Five friends Priyanka, Mrinalini, Gitanjali, Arnav and Shivalika travelled in different months of the same year viz. January, July, August, September and December. Gitanjali was the first one to travel in the year. Mrinalini travelled in the month immediately after Priyanka. Arnav travelled in the month immediately before Shivalika who was the last one to travel in the year. Who travelled in the month of August?

A. Arnav

B. Gitanjali

C. Mrinalini ✓

D. Priyanka

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**Q19** General Intelligence and Reasoning

Eight friends, A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides. B is sitting to the immediate right of H who is sitting immediately right of E. C and D are immediate neighbors of A. C and F are immediate neighbors of G. E is immediate neighbour of F and H. If C, D, F and H are sitting at the corners of the table not necessarily in the same order, who is sitting to the immediate left of E?

A. H

B. D

C. C

D. F ✓

**Q20** General Intelligence and Reasoning

Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

20 : 5 :: 56 : 8 :: 12 : 4 :: 42 : ?

A. 6

B. 21

C. 7 ✓

D. 10

**Q21** General Intelligence and Reasoning

In a certain code language, 'DAGGLE' is written as 'GAJGOE' and 'MARKET' is written as 'PAUKHT'. How will 'ACTION' be written in that language?

A. ECWISN

B. DCWIRN ✓

C. ECWIRN

D. DCWISN

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**Q22** General Intelligence and Reasoning

Seven people, J, K, L, M, N, O and P, live on different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor which is numbered 7. J lives on an odd numbered floor but not on floor number 5. Three people live between K and L, and L lives on the lowermost floor. O lives exactly between K and N. N lives on the topmost floor. P lives immediately above J. Who lives on the second floor?

A. J

B. M ✓

C. P

D. O

**Q23** General Intelligence and Reasoning

A shopkeeper has five deliveries of different varieties of dry fruits– cashew nuts, almonds, pistachios, walnuts, and pine nuts- each delivery planned on a different date, viz- 1st, 6th, 12th, 20th and 30th of July 2022. The delivery of pine nuts is planned exactly after the delivery of almonds, which is planned exactly after the delivery of pistachios. The delivery of cashew nuts is planned exactly between the deliveries of pine nuts and walnuts. If the delivery of walnuts is the last delivery planned, on which date is the delivery of almonds planned?

A. 6th July ✓

B. 12th July

C. 20th July

D. 1st July

**Q24** General Intelligence and Reasoning

Select the correct conclusion that can be drawn from the given statements.

**Statements:**

1. $A \leq G < D \geq M$

2. $R > H \geq M$

A. $R \geq D$

B. $D > A$ ✓

C. $H \leq G$

D. $R \geq A$

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**Q25** General Intelligence and Reasoning

Five persons are sitting around a circular table facing the centre. Robin is an immediate neighbour of both Sudhakar and Rudra. Rajesh is sitting second to the left of Robin. Rudra is sitting second to the right of Sudhakar. Ramesh is an immediate neighbour of both Rajesh and Rudra. Who is an immediate neighbour of both Ramesh and Robin?

A. Rudra ✓

B. Rajesh

C. Sudhakar

D. Cannot be determined

**Q26** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The number in different sections indicates the number of employees of ABC company owning different types of cars. Total number of employees = 300.




What is the percentage of employees who have both Hatchbacks and Sedans?

A. 7.0 % ✓

B. 3.66%

C. 18.78%

D. 2.0 %

**Q27** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

ALM: EPQ
NSO: RWS

A. OSD: PCV

B. FPG: JTK ✓

C. SLT: RVM

D. FVD: GOS

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**Q28** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) F 1 % 5 & 2 L H 8 4 # T * G 2 7 F 8 C 2 Y $ M 6 F (Right).

How many such numbers are there which are immediately preceded by a letter and also immediately followed by a number?

A. 1

B. 2 ✓

C. 3

D. 4

**Q29** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

Schools should encourage self-discipline among children of all ages.

**Arguments:**

I. Children till the age of 7 years are not mature enough to understand the concept of discipline

II. Discipline lasts longer and more effective when instilled by oneself than by others from outside.

A. I weakens while II strengthens the statement. ✓

B. II weakens while I strengthens the statement.

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement.

**Q30** General Intelligence and Reasoning

Which two signs should be interchanged to make the following equation mathematically correct?

$69 - 23 + 15 \div 11 \times 12 = -114$

A. $-$ and $+$

B. $-$ and $\div$ ✓

C. $\times$ and $-$

D. $+$ and $\div$

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Six boxes, red, green, yellow, pink, blue, and orange, are kept vertically, one over the other (but not necessarily in the same order). The red box is placed at an odd number position when counted from the bottom but it is not in the fifth position. The red box is placed immediately above the yellow box. Only two boxes are placed between the yellow box and the orange box. Only two boxes are placed between the blue box and the pink box and only one box is placed between the blue box and the green box. Which box is placed third from the top?

A. Red

B. Blue ✓

C. Green

D. Pink

**Q2** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down he numbers into its constituent digits. E.g. 12 – Operations on 12 such as adding/ subtracting/multiplying etc. to 12 can be performed. Breaking down 12 into 1 and 2 and then performing mathematical operations on 1 and 2 is not allowed)

(10, 300, 10)
(11, 165, 5)

A. (10, 400, 20)

B. (11, 188, 6)

C. (9, 243, 9) ✓

D. (8, 20, 8)

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**Q3** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 478 775 357 183 246 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

What will be the resultant if the third digit of the largest number is added to the second digit of the smallest number?

A. 13 ✓

B. 12

C. 10

D. 18

**Q4** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

17, 23, 27, 29, ?

A. 29 ✓

B. 30

C. 31

D. 25

**Q5** General Intelligence and Reasoning

If 11 is subtracted from each of the following numbers and the digits of each number are written in reverse order and then the numbers are arranged in ascending order, the position of how many numbers will NOT change?

167, 876, 567, 187, 873

A. One ✓

B. Two

C. Three

D. Four

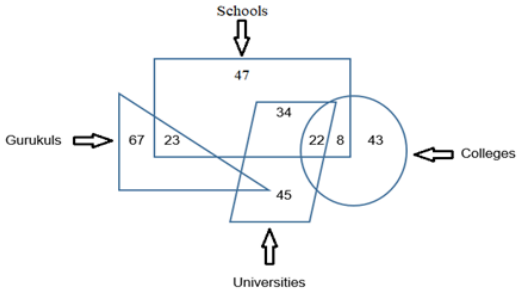
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**Q6** General Intelligence and Reasoning

Study the given diagram carefully and answer the question that follows.

The numbers in different sections indicate the number of schools/colleges/universities/gurukuls.




How many Schools are Colleges and Universities but NOT Gurukuls?

A. 23

B. 34

C. 22 ✓

D. 8

**Q7** General Intelligence and Reasoning

A music school has classes for teaching six different musical instruments - flute, harmonium, guitar, sitar, drum and violin - each on a different day of a week starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. Drum class is scheduled on Monday. Flute class is on Friday. Sitar class is on the day immediately after flute class. Only three classes are scheduled between Guitar and Sitar classes. Only Violin class is scheduled between Flute and Harmonium classes. On which day is Harmonium class scheduled?

A. Tuesday

B. Monday

C. Thursday

D. Wednesday ✓

**Q8** General Intelligence and Reasoning

Sumit starts from Point F and drives 5 km towards the east. He then takes a left turn, drives 10 km, turns left and drives 8 km. He then takes a left turn and drives 3 km. He takes a final left turn, drives 3 km and stops at Point G. How far and towards which direction should he drive in order to reach Point F from Point G? (All turns are 90 degree turns only)

A. 7 km towards the south ✓

B. 8 km towards the east

C. 7 km towards the east

D. 5 km towards the west

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**Q9** General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) from the statement(s).

Statement:

$B \leq L \leq U = A > D > E$

Conclusions:

I. $B < D$

II. $A \geq B$

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Either conclusion I or II follows

D. Neither conclusion I nor II follows

**Q10** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. A is taller than only two other friends. C is shorter than only one friend. E is shorter than A but taller than B. F is shorter than D. Who is the tallest among all the friends?

A. D ✓

B. F

C. E

D. C

**Q11** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?

21 + 7 - 3 ÷ 20 x 5 =?

A. 2

B. 4 ✓

C. 5

D. 10

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**Q12** General Intelligence and Reasoning

Select the combination of letters that when placed in the same sequence in the blanks of the given series will complete the series.

AGPLH, _____, KOVPJ, PSYRK, UWBTL, ZAEVM

A. BISPM

B. FKSNJ

C. FKSNI ✓

D. FISPM

**Q13** General Intelligence and Reasoning

In a certain code language, 'YOUTH' is written as 'DUBBQ' and 'AGENT' is written as 'FMLVC'. How will 'CURVE' be written in that language?

A. DOIFJ

B. OUDNE

C. HAYDN ✓

D. HAIRN

**Q14** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | 2 | 6 | % | @ | ? | 4 | < | 3 | 7 | = | ! | & | 9 | 8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | K | S | R | T | U | M | W | Y | A | V | C | X | E | B |

Conditions:

(i) If the first element is a number and the last a symbol, the codes for these two are to be interchanged.

(ii) If the first element is an even number and the last an odd number, the first and the last elements are to be coded as Ø.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '3 = 7 4 %' be coded?

A. X C R B Y

B. R V A M Y ✓

C. M V S B Y

D. S V Y B R

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**Q15** General Intelligence and Reasoning

P, Q, R, S, T, X, Y and Z are sitting around a square table facing the centre of the table (but not necessarily in the same order). Some of them are sitting at the corners while some are sitting at the exact centre of the sides. S is the immediate neighbor of Q and X . Y does not have X and P as his immediate neighbours. Z who is to the immediate left of R, has P as immediate neighbours. If S, T, Y and Z are sitting at the exact center of the sides of the table, then who sitting to the immediate right of X?

A. S

B. T ✓

C. Y

D. P

**Q16** General Intelligence and Reasoning

How many such pairs of letters are there in the word CONVERTS (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. 2

B. 5

C. 3

D. 4 ✓

**Q17** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

The impact of social media is very much visible in every sphere of society.

Arguments:

I. Today, people are connected across different countries though social media.
II. Different cultures have been explored by people through social media.

A. I weakens while II strengthens the statement.

B. II weakens while I strengthens the statement.

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement. ✓

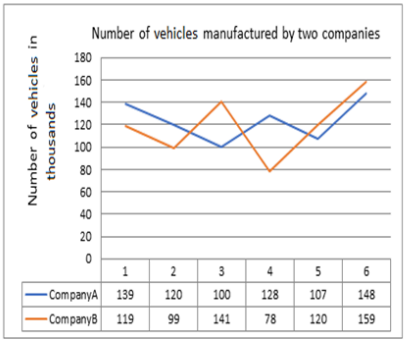
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## Q18 General Intelligence and Reasoning

Study the given graph and answer the question that follows.

The numbers 1 to 6 represents the years from 2001 to 2006.




| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| CompanyA | 139 | 120 | 100 | 128 | 107 | 148 |
| CompanyB | 119 | 99 | 141 | 78 | 120 | 159 |

In which year was the difference between the production of two companies maximum?

A. 2001

B. 2002

C. 2003

D. 2004 ✓

## Q19 General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follows the same logic.

HP : MS

DL : IO

A. HT : KY

B. GE : LI

C. GR : KT

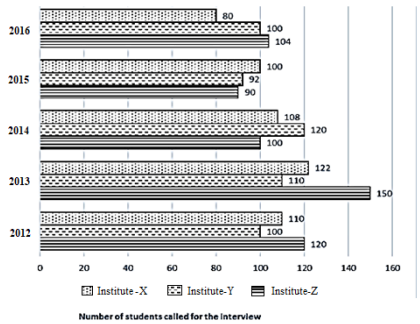
D. AL : FO ✓

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## Q20 General Intelligence and Reasoning

The bar graph given below shows the number of students who were called for a certain job interview by company A from three different institutes, X, Y and Z, over the years.




In which of the following years was the total number of students called for the interview the highest?

A. 2012

B. 2013 ✓

C. 2014

D. 2016

## Q21 General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some chains are knives.

All knives are cats.

All cats are rats.

Conclusions:

(I) Some rats are chains.

(II) All rats are knives.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Neither conclusion I nor II follow

D. Both conclusions I and II follow

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**Q22** General Intelligence and Reasoning

If '×' and '−' are interchanged, what will be the value of the given expression?

$13 - 7 + 8 \div 2 \times 10$

A. 85 ✓

B. 92

C. 76

D. 53

**Q23** General Intelligence and Reasoning

Each of six students, A, B, C, D, E and F, have their class monitor duties on six different days of a week starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. A's monitor duties are on the day immediately after C. D's monitor duties are on the day immediately before E, but it is not on Monday. B's monitor duties are on Saturday. F's monitor duties are on Wednesday. Who among the following has monitor duties on Tuesday?

A. B

B. C

C. A ✓

D. E

**Q24** General Intelligence and Reasoning

If Y is to the south of X and Z is to the east of X, then what is the position of Z with respect to Y?

A. North

B. North-east ✓

C. North-west

D. South-east

**Q25** General Intelligence and Reasoning

Five persons are sitting around a circular table facing the centre. Aman is an immediate neighbour of both Ansu and Ajit. Akash sits second to the left of Aman. Ansh sits second to the right of Aman. Akash is an immediate neighbour of both Ansu and Ansh. Who is an immediate neighbour of both Ajit and Akash?

A. Ansh ✓

B. Ansu

C. Aman

D. Cannot be determined

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**Q26** General Intelligence and Reasoning

Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. Some cats are pets.

2. All pets are snakes.

3. Some snakes are cats.

Conclusions:

I. Some snakes are pets.

II. All cats are snakes.

III. All pets are cats.

IV. No snake is a cat.

A. Only conclusions I follows ✓

B. Only conclusions II and III follow

C. Only conclusions I and IV follow

D. Only conclusion IV follows

**Q27** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

13, 16, 22, 31, 43, ?

A. 52

B. 58 ✓

C. 55

D. 48

**Q28** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

58 : 115 :: 47 : 93 :: 67 : ?

A. 124

B. 113

C. 138

D. 133 ✓

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**Q29** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) F $ 3 & 4 P W 8 # T * A 2 F 5 M 2 6 $ Y 9 K (Right)

How many such letters are there which are immediately preceded by a letter and also immediately followed by a number?

A. 1 ✓

B. 2

C. 3

D. 4

**Q30** General Intelligence and Reasoning

Refer to the following letter and symbol series and answer the question.

(Left) Z # U * Y $ K W P Q @ G & A % J B L % & H D # V (Right)

Which of the following is the twelfth letter/symbol to the left of the eighteenth letter/symbol from the left end of the given series?

A. K

B. L

C. $ ✓

D. Y

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Seven businessmen, G, H, I, J, K, L and M, travelled in the same month on different dates $4^{th}$, $8^{th}$, $11^{th}$, $14^{th}$, $17^{th}$, $22^{nd}$ and $28^{th}$ (but not necessarily in the same order). L travelled the last. K travelled just after I but before J. K travelled on the $11^{th}$. Only two people travelled between K and M. Exactly one person travelled between G and K, and K travelled after G. On which date did M travel?

A. $17^{th}$

B. $22^{nd}$ ✓

C. $4^{th}$

D. $28^{th}$

**Q2** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

All zoos should be banned except for endangered species of animals.

Arguments:

I. Animals are not for human entertainment but for coexistence with humans.
II. Endangered species need our concern to maintain an ecological balance.

A. I weakens while II strengthens the statement.

B. II weakens while I strengthens the statement.

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement. ✓

**Q3** General Intelligence and Reasoning

What will come in the place of '?' in the following equation, if '+' and ' – ' are interchanged and also '×' and '÷' are interchanged?

$4 \div 4 - 45 \times 5 + 12 = ?$

A. 15

B. 28

C. 13 ✓

D. 35

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**Q4** General Intelligence and Reasoning

The percentages of people qualifying the driving test to get a license in different years is shown in the following graph. Study the graph and answer the question.




In the years 1996 and 1997 together, 45,000 people qualified the driving test. If in the year 1996, a total of 25,000 people took the driving test, then how many people took the test in the year 1997?

A. 30,000

B. 45,000

C. 60,000 ✓

D. 70,000

**Q5** General Intelligence and Reasoning

Amongst six friends P, Q, R, S, T and U, each has a different height. R is taller than only two other friends. T is shorter than only one friend. Q is shorter than R but taller than P. S is shorter than U. Who is the second tallest among all the friends?

A. U

B. T ✓

C. S

D. R

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**Q6** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/symbol | * | 2 | @ | 5 | ^ | + | 7 | # | % | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| Letter code | J | P | A | F | D | N | R | K | M | Z |

Conditions:

(i) If the first element is a symbol and the last, a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last, an even number, the first and last elements are to be coded as $.

Which of the following will be the code for 75#2 ?

A. RFK$

B. $FM$

C. $FK$ ✓

D. RFKP

**Q7** General Intelligence and Reasoning

If '+' means '–' , '–' means '×' , '×' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?

$76 + 5 - 6 \times 3 \div 4 = ?$

A. 70 ✓

B. 71

C. 72

D. 68

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**Q8** General Intelligence and Reasoning

In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$I \geq R > U \leq T > Q \geq O$

**Conclusions:**

1. $I > U$

2. $O > T$

3. $R > T$

4. $U < Q$

A. 1 ✓

B. 2

C. 3

D. 4

**Q9** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

9, 13, 22, 38, 63, ?

A. 63

B. 99 ✓

C. 72

D. 100

**Q10** General Intelligence and Reasoning

Akshay starts from the restaurant and travels 2 km southwards and then turns right and travels 4 km. He then turns left and travels 10km, then he turns left and travel 4km to reach his home. What is the shortest distance between the restaurant and home and what is restaurant's direction with respect to the home?

A. 12 km, North ✓

B. 12 km, South

C. 8 km, North

D. 8 km, South

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**Q11** General Intelligence and Reasoning

Study the following table and answer the question.

| Name of the Student | Marks | | |
|---|---|---|---|
| | English | Maths | Computer |
| Arav | 74 | 82 | 72 |
| Toshita | 71 | 92 | 49 |
| Pranay | 59 | 65 | 66 |
| Vibhor | 81 | 78 | 82 |

By what percentage is the total marks of Arav in the three subjects more than the total marks of Pranay in the three subjects?

A. 24%

B. 20% ✓

C. 23%

D. 27%

**Q12** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(76, 171, 95)

(28, 63, 35)

A. (60, 105, 70)

B. (52, 117, 65) ✓

C. (44, 88, 55)

D. (24, 48, 30)

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**Q13** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All statements are books.
2. Some books are copies.
3. No copy is a thesaurus.

Conclusions:

I. Some thesauruses are copies.
II. No statement is a thesaurus.
III. Some books are statements.

A. Only conclusions I and II follow
B. Only conclusions II and III follow
C. Only conclusion I follows
D. Only conclusions III follows ✓

**Q14** General Intelligence and Reasoning

Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements

Statements:

1. Some pants are coats.
2. All coats are red.
3. All red are shirts.

Conclusions:

I. All pants are shirts.
II. All coats are shirts.
III. Some red are coats.
IV. Some shirts are pants.

A. Only conclusions I, II and III follow
B. Only conclusions II, III and IV follow ✓
C. Only conclusions I, III and IV follow
D. All the conclusions follow

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**Q15** General Intelligence and Reasoning

Five persons are sitting in a straight row facing the north. Ram is sitting at the extreme left end and Sita is sitting at the extreme right end of the row. Kamal sits exactly in the middle of the row. Ravi is sitting exactly third to the left of Sita. Ritu is sitting exactly third to the right of Ram. Who is the immediate neighbour of Sita?

A. Kamal

B. Ram

C. Ravi

D. Ritu ✓

**Q16** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

18 : 36 :: 42 : 51 :: 25 : ?

A. 41

B. 43 ✓

C. 45

D. 48

**Q17** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷' and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$88 \times 22 - 15 \div 40 + 19 = ?$

A. 81 ✓

B. 91

C. 101

D. 201

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**Q18** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 653 831 933 476 715 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

If 2 is added to the third digit of every number, in how many numbers will the third digit be exactly divided by the second digit of that number?

A. 1

B. 2

C. 3 ✓

D. 4

**Q19** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

_ _ b a d c _ _ d _ b a d c b _

A. dcbaac

B. dcbaca ✓

C. cdabca

D. dbcaca

**Q20** General Intelligence and Reasoning

Radhika moves 30 metres in West direction. Then she turns to her right and moves 10 metres and then she turns to her left and moves 30 metres. In which direction is she now from the starting point?

A. East

B. North- East

C. North-West ✓

D. South

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**Q21** General Intelligence and Reasoning

In this question, a group of letters is coded using symbols as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Letters | D | C | U | Q | I | A | R | E |
|---|---|---|---|---|---|---|---|---|
| Codes | @ | > | ^ | % | = | # | $ | + |

Conditions:

i. If the first letter of the word is a vowel and last letter is a consonant, then both these letters will be coded as '*'.

ii. If the second letter of the word is a vowel and the fifth letter is a consonant, then both these letters will be coded as '&'.

What will be the code for the word 'ACQUIRED'?

A. # > % ^ = $ + @

B. * > % ^ = $ + * ✓

C. * > % ^ = $ + @

D. * > % = ^ $ + *

**Q22** General Intelligence and Reasoning

Six friends C, D, E, F, G and H are sitting in a row facing north. F is 2nd to the left of E, who is 2nd to the left of G. D is 2nd to the right of H, who is an immediate neighbour of E and G. Where is C seated?

A. Between E and F ✓

B. Between H and D

C. At the left end

D. At the right end

**Q23** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

22, 34, 48, 64, 82, ?

A. 98

B. 100

C. 101

D. 102 ✓

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**Q24** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing North. P is an immediate neighbour of both V and T, while R is an immediate neighbour of both T and Q. V is at the extreme right end. There are only two people on the left of Q. If no other person is sitting in the row, what is the total number of persons seated?

A. Eight

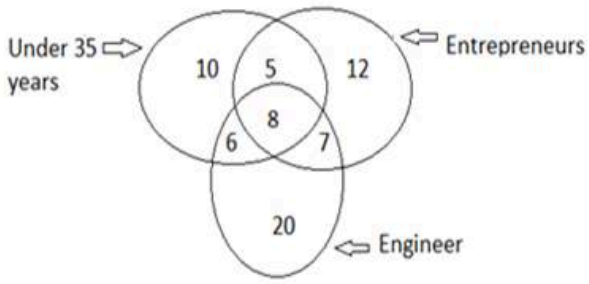
B. Nine

C. Six

D. Seven ✓

**Q25** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many person under 35 years of age are Engineers but NOT Entrepreneurs?

A. 5

B. 6 ✓

C. 7

D. 8

**Q26** General Intelligence and Reasoning

This question is based on the following 3-letter words.

AIN, ONK, AST, EJO

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel ?

A. 2

B. 3

C. 4

D. 1 ✓

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**Q27** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question that follows.

(Left) A D 4 F @ T 5 H $ B R @ V T 6 # 7 H 6 D 8 $ % & G $ 3 C F (Right)

If all the symbols are dropped from the series, which of the following will be ninth to the left of the fifth from the right?

A. H

B. B ✓

C. R

D. V

**Q28** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word ARGUMENT is arranged in alphabetical order?

A. One

B. Two ✓

C. Three

D. None

**Q29** General Intelligence and Reasoning

U, V, W, X, Y and Z live on different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 6. Z lives on the floor immediately above Y. Only one person lives between U and V. W lives immediately above Z and immediately below V. Who lives on the second floor?

A. U

B. V

C. W

D. Z ✓

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**Q30** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

MCD : PZG

LKG : OHJ

A. QDH : TGK

B. NYB : QVY

C. TJQ : WGT ✓

D. PBX : SEA

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Refer to the following number, symbol series and answer the question.

(Left) & % 7 4 @ 6 # & 2 # % 5 * (Right)

How many such symbols are there that are immediately preceded by a number and also immediately followed a number?

A. One ✓

B. Two

C. None

D. Three

**Q2** General Intelligence and Reasoning

Which two numbers should be interchanged to make the following equation correct?

$12 + 7 - (8 \div 4 - 5) \times 11 = 54$

A. 5 and 12

B. 8 and 7

C. 8 and 11

D. 12 and 11 ✓

**Q3** General Intelligence and Reasoning

ZR 18 is related to UW 11 in a certain way. In the same way, YM 24 is related to TR 17. To which of the following is KJ 35 related following the same logic?

A. FO 28 ✓

B. FP 27

C. GO 28

D. GP 27

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**Q4** General Intelligence and Reasoning

A certain number of persons are sitting in a row, facing North. G is sixth to the right of D.

G is an immediate neighbour of both H and E. C is to the immediate right to E. If no other person is sitting in the row, what is the total number of persons seated?

A. Eight

B. Nine ✓

C. Ten

D. Eleven

**Q5** General Intelligence and Reasoning

Six people, S, T, V, W, X and Y are sitting in a straight line, facing North (but not necessarily in the same order). Only two people sit to the right of S. Only two people sit between W and S. V sits at one of the extreme ends. Y sits to the immediate left of V. T is not an immediate neighbour of S. Who is sitting at the extreme left end?

A. S

B. T

C. W ✓

D. X

**Q6** General Intelligence and Reasoning

Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $M > N > O = P$, $Q < C = D < O$

A. $C > M$

B. $N < D$

C. $P = Q$

D. $Q < M$ ✓

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**Q7** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(14, 336, 8)

(12, 324, 9)

A. (18, 378, 7) ✓

B. (18, 368, 7)

C. (18, 478, 7)

D. (18, 398, 7)

**Q8** General Intelligence and Reasoning

Which of the following term will replace the question mark (?) in the given series to make it logically complete?

QDA19, UHE38, YLI57, CPM76, ?

A. HTQ97

B. HTQ95

C. GTQ95 ✓

D. GTQ97

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**Q9** General Intelligence and Reasoning

Study the following table and answer the question given below.

| Name of the Company | Sale (in lakhs) | | |
|---|---|---|---|
| | 1999 | 2000 | 2001 |
| ACG | 32 | 43 | 35 |
| TYD | 61 | 52 | 29 |
| POD | 54 | 25 | 36 |
| BKN | 19 | 38 | 52 |

Which company has the highest total sale value over the three years. What is the difference between the value of the highest combined sales and the lowest combined sales registered by any company from 1999 to 2001.

A. TYD, ₹27,00,000

B. BKN, ₹27,00,000

C. TYD, ₹33,00,000 ✓

D. BKN, ₹33,00,000

**Q10** General Intelligence and Reasoning

Seven boxes X, Y, Z, A, B, C and D are kept one over the other but not necessarily in the same order. A is kept third from the bottom. Only one box is kept between A and X. Only three boxes are kept between B and D. B is kept at one of the positions above D. Y is kept immediately below Z. How many boxes are kept between C and A?

A. Three ✓

B. Four

C. Two

D. One

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**Q11** General Intelligence and Reasoning

In this question, a group of letters is coded using symbols as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Letters | G | T | Y | H | O | R | P | I | C |
|---|---|---|---|---|---|---|---|---|---|
| Codes | @ | > | ^ | % | = | # | $ | + | < |

Conditions:

1. If both the first and the last letters of the word are vowels, then both these letters will be coded as '&'.
2. If both the first and the last letters of the word are consonants, then both these letters will be coded as '*'.

What will be the code for the word 'COPYRIGHT'?

A. < = $ ^ # + @ % >

B. * = $ ^ # + @ % * ✓

C. < = $ ^ # + @ % *

D. = $ ^ # + @ % >

**Q12** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Real education is an awakening of the mind.

Arguments:

I. Academic achievement is the only indicator of real education.
II. Human values reflect real education.

A. I weakens while II strengthens the statement. ✓

B. II weakens while I strengthens the statement.

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement.

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**Q13** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

49, 60, 82, 115, 159, ?

A. 187

B. 214 ✓

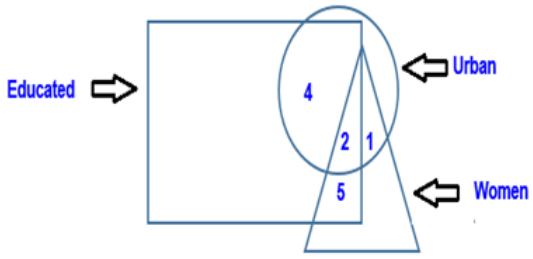
C. 225

D. 199

**Q14** General Intelligence and Reasoning

Study the given diagram carefully and answer the question that follows.

The numbers in different sections indicate the number of people.




How many Women are Educated but NOT Urban?

A. 5 ✓

B. 7

C. 2

D. 4

**Q15** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

(Left) R E S I C X Z H G U K E W A T E Y M Q D F (Right)

How many such consonants are there in the series each of which is immediately preceded by a vowel and also immediately followed by a vowel?

A. One

B. Four ✓

C. Three

D. Two

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**Q16** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some pens are staplers.
Some staplers are erasers.
Some erasers are notebooks.

Conclusions:
(I) Some notebooks are pens.
(II) Some erasers are pens.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows ✓

D. Both conclusions I and II follow

**Q17** General Intelligence and Reasoning

Each vowel in the word CRICKET is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter thus formed is arranged in alphabetical order, which letter will be fifth from the right?

A. J

B. B

C. F ✓

D. Q

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**Q18** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/symbol | * | 2 | @ | 5 | ^ | + | 7 | # | % | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| Letter code | J | P | A | F | D | N | R | K | M | Z |

Conditions:

i. If the first element is a symbol and the last, a number, the codes for these two (the first and the last elements) are to be interchanged.

ii. If the first element is an odd number and the last, an even number, the first and last elements are to be coded as S.

Which of the following will be the code for *9 @+2 ?

A. JZNAP

B. JZANP

C. PZANJ ✓

D. PZANP

**Q19** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

8, 9, 64, 25, 216, ?

A. 81

B. 125

C. 72

D. 49 ✓

**Q20** General Intelligence and Reasoning

Among four stalls, P, Q, R and S, S is 40 m to the north of R, P is 60 m to the east of R, and Q is 50 m to the south of R. How far and in which direction is Q with reference to S?

A. 90m, South ✓

B. 90m, North

C. 110m, South

D. 100m, North

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**Q21** General Intelligence and Reasoning

Study the following table and answer the question.

| Goods | Profit (in lakhs) | | |
|---|---|---|---|
| | 2017 | 2019 | 2021 |
| Refrigerator | 32 | 15 | 43 |
| Fan | 47 | 26 | 54 |
| Television | 28 | 32 | 62 |
| Mobile | 61 | 45 | 47 |

Which goods earned the maximum combined profit in the given three years , and by what percentage is the profit of the highest profitable goods more than the profit of the lowest profitable goods in the year 2019?

A. Mobile, 200% ✓

B. Fan, 300%

C. Mobile, 300%

D. Fan, 200%

**Q22** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$18.96 + 12.96 + 15.16 - 17.89 \times 2.04 + 49.93 \div 5.1 = ?$

A. 21 ✓

B. 22

C. 23

D. 24

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**Q23** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 648 545 317 653 476 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

What will be the resultant if the second digit of the largest number is added to the first digit of smallest number?

A. 9

B. 8 ✓

C. 7

D. 11

**Q24** General Intelligence and Reasoning

Town M is to the south of Town Z. Town C is to the east of Town Z. Town F is to the west of Town C. Town X is to the north of Town C. Town Z is to the west of Town F. What is the position of Town F with respect to Town M?

A. North- East ✓

B. West

C. South-East

D. North-West

**Q25** General Intelligence and Reasoning

Six Human Rights conferences are planned in six cities- Mumbai, Delhi, Kolkata, Chennai, Lucknow and Bangalore- between July to December in the same year (but not necessarily in the same order). Each conference was planned in a different month. Only the Delhi conference is planned between the Chennai and Bangalore conferences. The Chennai conference is in October. Only two conferences are planned before the Kolkata's conference. The Mumbai conference is immediately after the Lucknow conference. Which city will have the last conference in the year?

A. Bangalore ✓

B. Chennai

C. Kolkata

D. Mumbai

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**Q26** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$11.96 + 4.96 + 12.16 - 11.89 \times 2.04 = ?$

A. 7

B. 9

C. 5 ✓

D. 13

**Q27** General Intelligence and Reasoning

Three statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $U < V > W = X$, $T < W$, $S > V$

A. $V = T$

B. $X > S$

C. $S > T$ ✓

D. $W > U$

**Q28** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
1. Some bracelets are rings.
2. Some bangles are bracelets.
3. All watches are bracelets.

Conclusions:
I-Some rings are bracelets.
II-Some bracelets are watches.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both conclusions I and II follow. ✓

D. Neither conclusion I nor II follows.

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**Q29** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number, the fourth number is related to the third number.

15 : 2 :: 255 : 4 :: 624 : ?

A. 8

B. 9

C. 3

D. 5 ✓

**Q30** General Intelligence and Reasoning

K, L, M, N, O and Q are sitting in a straight line facing North (but not necessarily in the same order). Only three students are sitting between Q and N. M has K and L as his immediate neighbours. K is second to the right of O. L is second to the right of K. N is to the immediate right of L. Q is to the immediate right of O. Who among the following has K and O as his immediate neighbours?

A. N

B. M

C. L

D. Q ✓

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Each of seven colleagues, A, B, C, D, E, F and G, travelled to USA for sales presentation in the months of April, May, June, July, August, September and October, in the year 2019, but not necessarily in the same order. Each colleague travelled in a different month. Exactly four people travelled after D's trip. C travelled between the trips of E and F. G travelled in the month immediately before A's trip. Exactly two people travelled after C's trip. E travelled in the month immediately before B, who travelled in the month of October. Who travelled in the month of July?

A. A

B. F ✓

C. D

D. C

**Q2** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

ALMOST : MLATSO :: BEGINS : GEBSNI :: CHIMPS : ?

A. IHCPMS

B. IHCSMP

C. IHCSPM ✓

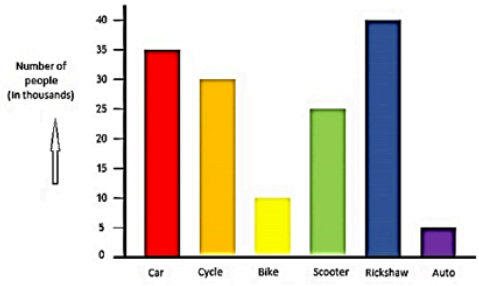
D. IHCPSM

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**Q3** General Intelligence and Reasoning

The number of people having six different types of vehicles in a city are shown in the following graph. Study the graph and answer the question.




What is the percentage increase in the people having a car as compared to the people having a scooter?

A. 10%

B. 35%

C. 25%

D. 40% ✓

**Q4** General Intelligence and Reasoning

In a code language, 'now you can come' is written as 'wp ae nz rf', 'you are kind' is written as 'ae dz tq', 'kind is virtue' is written as 'tq sf bc'. What is the code for 'kind, you' in that code language?

A. nz, tq

B. nz, ae

C. tq, dz

D. tq, ae ✓

**Q5** General Intelligence and Reasoning

Six people, A, B, C, D, E and F, travelled in different years 2010, 2012, 2014, 2016, 2018 and 2020 (but not necessarily in the same order). C travelled in 2018. Only three people travelled between D and A. A travelled after D. Only one person travelled between F and E. F travelled before E. Who travelled in 2014?

A. B

B. F

C. E ✓

D. D

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**Q6** General Intelligence and Reasoning

If the position of the first and second letters in the word MOTHERLAND were interchanged, also the third and the fourth letters were interchanged, the fifth and sixth letters were interchanged and so on, which of the following would be the sixth letter from the right?

A. R ✓

B. T

C. E

D. H

**Q7** General Intelligence and Reasoning

Each of the digits in the number 4275913 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. One ✓

B. Two

C. Three

D. Four

**Q8** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some cats are rats.

All rats are dogs.

All dogs are monkeys.

Conclusions:

(I) Some monkeys are cats.

(II) All monkeys are rats.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Neither conclusion I nor II follows

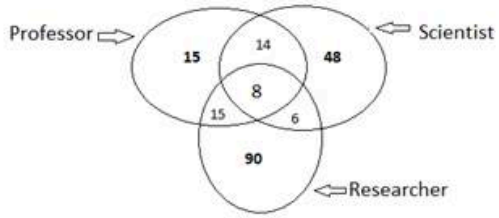
D. Both conclusions I and II follow

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**Q9** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many people are Researchers and Scientists but Not Professors?

A. 15

B. 14

C. 23

D. 6 ✓

**Q10** General Intelligence and Reasoning

Six persons A, B, C, D, E and F are sitting in straight row facing west. D is sitting at the end of the row. B is sitting third to the left of D. A is sitting to the immediate right of B. A is an immediate neighbour of B and C. E is sitting at the first position in the row. F is sitting between A and E. Who is an immediate neighbour of A and F?

A. B ✓

B. D

C. E

D. C

**Q11** General Intelligence and Reasoning

Chitra starts driving from the resort and drives 15 km towards west and then turns left and drives 115km. Then she turns right and drives 25 km. After that, she again turns right and drives 90 km. She finally turns right and drives 40 km to reach her home. How far is resort from her home?

A. 25 km ✓

B. 30 km

C. 35 km

D. 50 km

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**Q12** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

GLE11, KPI13, OTM17, SXQ19, ?

A. WBU27

B. UWB23

C. WBU23 ✓

D. UWB27

**Q13** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

A C P D I U V K J Q E V F

How many vowels are immediately preceded by consonants?

A. 4

B. 3

C. 2 ✓

D. 1

**Q14** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

42, 52, 63, 75, 88, ?,117

A. 101

B. 102 ✓

C. 103

D. 100

**Q15** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$27.92 \times 4 + 3.96 \times 5 - 18 \div 2 + 1 = ?$

A. 100

B. 115

C. 124 ✓

D. 140

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**Q16** General Intelligence and Reasoning

Refer to the letter and symbol series, and answer the question that follows.

(Left) K B # A @ S * B Q @ R V N % & S (Right)

How many letters are there between the element that is third from the right end and the element that is sixth from the left end of the given series?

A. 5 ✓

B. 8

C. 6

D. 7

**Q17** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number, the fourth number is related to the third number.

9 : 728 :: 4 : 63 :: 7 : ?

A. 342 ✓

B. 341

C. 346

D. 315

**Q18** General Intelligence and Reasoning

Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

3 : 8 :: 7 : 16 :: 4 : 10 :: 8 : ?

A. 16

B. 12

C. 18 ✓

D. 22

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**Q19** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $C \geq V < B \geq N > Z > L$

A. $B > L > V$

B. $B > Z > L$ ✓

C. $C > B \geq N$

D. $C \geq V < L$

**Q20** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) S $ 3 & 3 P & 3 D J * M 2 F A $ Y ! 1 Z (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

A. 0

B. 1

C. 2

D. 3 ✓

**Q21** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All shampoos are brushes.
2. Some brushes are conditioners.
3. No conditioner is towel.

Conclusions:

I. Some towels are conditioners.
II. No shampoo is a towel.
III. Some brushes are shampoos.

A. Only conclusions I and II follow

B. Only conclusions II and III follow

C. Only conclusion I follows

D. Only conclusions III follows ✓

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**Q22** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

26, 61, 120, 209, ? , 501

A. 334 ✓

B. 298

C. 368

D. 434

**Q23** General Intelligence and Reasoning

J, K, L, M and N live on different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 5. K and N live on the topmost and bottommost floors, respectively. J lives on the floor immediately above L. M lives on the floor immediately above N. Who lives on the second floor?

A. K

B. J

C. M ✓

D. L

**Q24** General Intelligence and Reasoning

Letters are coded as numbers/symbols as per the table given below and the conditions which follow. Refer to the codes and conditions and then select the correct code for SQUARE.

| Letters | T | P | J | Q | S | U | E | R | H | A |
|---|---|---|---|---|---|---|---|---|---|---|
| Number/Symbol | - | 6 | 8 | % | 7 | @ | 3 | 9 | # | 1 |

Conditions:

(i) If there is more than 1 vowel in the word, the vowels will be coded as 4.

(ii) If a word has consonants at both ends, both the consonants will be coded as 2.

A. 7%4494 ✓

B. 7%@193

C. 7%4493

D. 7%9493

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**Q25** General Intelligence and Reasoning

Jayant started from a point 'A' and walked 15 meters towards South. He turned left and walked 20 meters. He then turned right and walked 15 meters. He again turned right and walked 20 meters and reached a point 'B'. How far and in which direction is the point 'B' from the point 'A'?

A. 15 meters East

B. 15 meters West

C. 30 meters North

D. 30 meters South ✓

**Q26** General Intelligence and Reasoning

If '+' means ' ÷ ', ' − ' means ' + ', '×' means ' − ' and '÷' means ' × ', then, what will be the value of the following expression?

$[\{(48 \times 28) - (5 \div 3)\} + (3 - 4)]$

A. 1

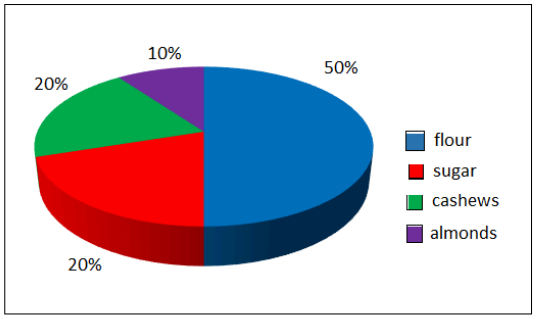
B. 2

C. 4

D. 5 ✓

**Q27** General Intelligence and Reasoning

The percentage of all of the ingredients in a recipe is shown in the following pie-chart. Blue represents the flour, red represents the sugar, green represents cashews, and purple represents almonds. Study the pie-chart and answer the question.




If the final mixture of all these ingredients weighs twice of 3,50,000 g, then what is the difference between the weight of flour and almonds?

A. 1,40,000 g

B. 1,55,500 g

C. 2,80,000 g ✓

D. 2,93,000 g

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**Q28** General Intelligence and Reasoning

Five friends are sitting around a circular table in a club playing cards and facing the center. W is not an immediate neighbour of either X or U. V is not an immediate neighbour of X. U is sitting to the immediate left of X. If Y is sitting between X and W, who will be sitting to immediate right of V?

A. X

B. W

C. U ✓

D. Y

**Q29** General Intelligence and Reasoning

Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Limited and cautious use of plastic material can be a good strategy for its total ban movement.

Arguments:

I. An instant ban on plastic is very far from reality as people are not ready to use alternatives.

II. Paper bags can be a good alternative to plastic bags.

A. I weakens while II strengthens the statement.

B. II weakens while I strengthens the statement.

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement. ✓

**Q30** General Intelligence and Reasoning

Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $J < P = C, T < Q < M = J < A$

A. $C = A$

B. $T < A$ ✓

C. $A > P$

D. $P > A$

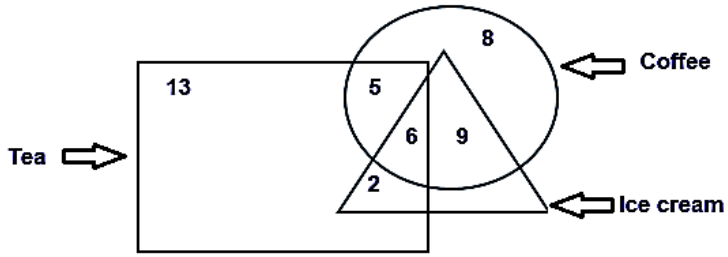
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**Q1** General Intelligence and Reasoning

Study the given diagram carefully and answer the question that follows.

The numbers in different sections indicate the number of people who have coffee, tea, and ice cream.




How many people have all three i.e. Ice cream, Tea as well as Coffee?

A. 2

B. 6 ✓

C. 9

D. 5

**Q2** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

MSN15, QWR18, UAV21, YEZ24,?

A. DBC27

B. CJL31

C. CID27 ✓

D. DNS31

**Q3** General Intelligence and Reasoning

Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $A > C = B$, $M > N > O > Q = A$

A. $B < M$ ✓

B. $C > N$

C. $O < B$

D. $N < C$

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**Q4** General Intelligence and Reasoning

If each of the letters in the word MIRACLE is arranged in alphabetical order, then how many letters are there in the English alphabetical series between the letter which is third from the left and the one which is third from the right in the new arrangement?

A. Three
B. Four
C. Five
D. Six ✓

**Q5** General Intelligence and Reasoning

Six boxes, A, B, C, P, U and V, are kept one over the other, but not necessarily in the same order. B is the top-most box, and C is immediately below B. There are only two boxes between B and V. There are only three boxes between P and C. There is only one box below U. Which box is kept immediately below U?

A. P ✓
B. A
C. V
D. C

**Q6** General Intelligence and Reasoning

From the numbers 367, 489, 514, 632 and 728, if 2 is added to the first digit of each of the numbers, how many new numbers will be thus formed whose sum of all digits will be divisible by three?
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

A. One
B. Two ✓
C. Three
D. four

**Q7** General Intelligence and Reasoning

Ajay starts from his office and drives 3 km towards the east. He then takes a right turn, drives 4 km, turns left, and drives 5 km. He then takes a left turn and drives 3 km and stops at a shop. Which direction should he drive now in order to reach his office from that shop? (All turns are 90° turns only.)

A. North
B. North-west ✓
C. South
D. South-east

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**Q8** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/symbol | * | 2 | @ | 5 | ^ | + | 7 | # | % | 9 | 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Letter code | J | P | A | F | D | N | R | K | M | Z | B |

Conditions:

(i) If both first and fourth elements are even numbers, the third element is to be coded as the code for the third element

(ii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element

Which one of the following would be the code for %94#2 ?

A. MZBKP

B. MZZKP ✓

C. MBZKP

D. MBZPK

**Q9** General Intelligence and Reasoning

If '+' means '–' , '–' means '×' , '×' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?

17 ÷ 3 - 2 + 12 x 4 = ?

A. 15

B. 18

C. 21

D. 20 ✓

**Q10** General Intelligence and Reasoning

Five runners are standing in a straight row facing the east. Runner K is standing at the first position and M is at the end position. L is standing to the immediate left of N, and N is standing to the immediate left of M. P is standing third to the left of M. Who is standing to the immediate left of P?

A. M

B. K ✓

C. N

D. L

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**Q11** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number, the fourth number is related to the third number.

28 : 2 :: 126 : 4 :: 65 : ?

A. 3 ✓

B. 6

C. 7

D. 5

**Q12** General Intelligence and Reasoning

Refer to the following letter series and answer the question that follows.

(Left) E B Y T F R D C S W E R F V Y H N E C S R F C A R W (Right)

If every odd placed letter in the above series is dropped, which letter would appear at the seventh place from the left?

A. V ✓

B. F

C. Y

D. H

**Q13** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

TSRA : ZIHG
OLEV : EVOL

A. JPMN : ONKQ

B. CRVF : VEIX

C. KVRA : ZIEQ

D. ARNI : RMIZ ✓

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**Q14** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

17 : 38 :: 23 : 50 :: 12 : ?

A. 28 ✓

B. 33

C. 39

D. 35

**Q15** General Intelligence and Reasoning

Six actors are sitting in a line facing the north. A is sitting at the first position, and G is sitting third to the right of A. H is sitting to the immediate right of G. F is sitting second to the right of A. L is sitting to the immediate right of A. S is sitting at the end of the line. Who is sitting to the immediate right of L?

A. G

B. H

C. F ✓

D. S

**Q16** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) E 5 % H V 7 8 L M # @ A 6 3 F & S 4 Z (Right)

How many such letters are there which are immediately preceded by a letter and also immediately followed by a number?

A. 0

B. 1 ✓

C. 2

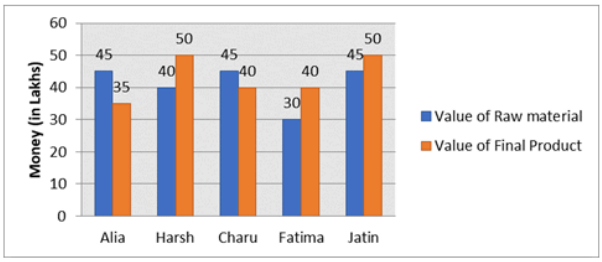
D. 3

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**Q17** General Intelligence and Reasoning

The value of raw material and the value of final products manufactured by five people are shown in the following graph. Study the graph and answer the question.




Which manufacturer among the following has the maximum percentage increase in the value of final product as compared to the value of raw material, and by how much (approx.)?

A. Harsh, 25%

B. Fatima, 25%

C. Fatima, 33% ✓

D. Harsh, 33%

**Q18** General Intelligence and Reasoning

Avina has tuitions for six subjects - Maths, English, Computer Science, Physics, Biology and Chemistry, each on a different day of a week from Monday and ending on Saturday of the same week, but not necessarily in this order. Only three subject tuitions are scheduled between Computer Science and Physics tuitions. Only Chemistry tuition is scheduled between Maths and English tuitions. Biology tuition is on Monday. Physics tuition is on the day immediately after the Maths tuition which is on Friday. Which subject's tuition is scheduled on Wednesday?

A. Physics

B. English ✓

C. Biology

D. Chemistry

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**Q19** General Intelligence and Reasoning

Amongst six girls- A, C, F, H, J and K, each has a different height. They are standing in the ascending order of their heights, shortest in the front and tallest at the back. C is at the beginning of the queue. There is only one person taller than F. H is immediately taller than A. Both C and H are shorter than K. There is only one other person between A and C. If H and F are at the fourth and the fifth places from the start of the queue, respectively in the queue, then who is second from the beginning of the queue?

A. K

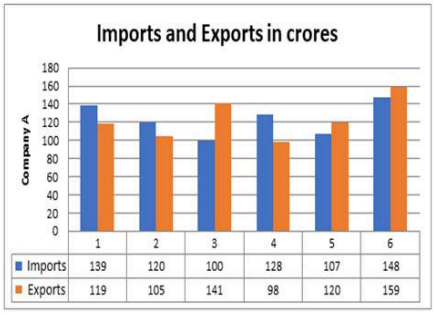
B. J ✓

C. A

D. C

**Q20** General Intelligence and Reasoning

The given bar graph shows the exports and imports of Company A over a period of time. Study the bar graph and answer the question that follows.
The numbers 1 to 6 in the graph represent the years from 2001 to 2006.




For how many years are the exports at least 10% higher than the imports?

A. 1

B. 2 ✓

C. 3

D. 4

**Q21** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

48, 52, 26, 30, 15, ?

A. 17

B. 18

C. 19 ✓

D. 20

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**Q22** General Intelligence and Reasoning

Eight boxes, J, K, L, M, N, O, P and Q, are kept in a vertical pattern, one over the other (but not necessarily in the same order). L is placed at the bottommost position. Q is at the third place from the top and N is just below J. Only two boxes are placed between Q and M. K is placed somewhere between M and N and O is just below Q. Which box is placed at the second position from the bottom?

A. M

B. N

C. J

D. P ✓

**Q23** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

India still needs gender equality programmes to make people aware about this.

Arguments:

I. People still believe boys are better than girls.

II. Gender discrimination has vanished from our society.

A. I weakens while II strengthens the statement.

B. II weakens while I strengthens the statement. ✓

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement.

**Q24** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question that follows.

(Left) 4 # O $ 5 T F 8 % U 2 P A & F ø 3 @ T 4 ¥ I # H (Right)

How many such symbols are there in the above series each of which is immediately followed by a vowel and also immediately preceded by a number?

A. 1

B. 2

C. 3 ✓

D. 4

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**Q25** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All cashews are jaggery.
2. No food is jaggery.
3. Some walnuts are food.

Conclusions:

I. Some walnuts are cashews.
II. Some walnuts are jaggery.
III. No food is cashew.

A. Only conclusions I and II follow
B. Only conclusions II and III follow
C. All conclusions follow
D. Only conclusion III follows ✓

**Q26** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

17, 19, 21, 19, 25, 19, ?

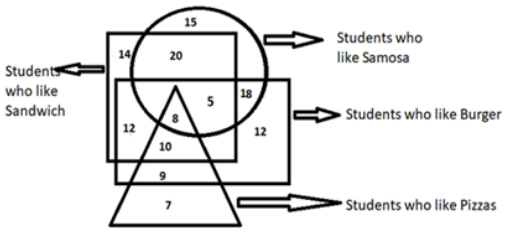
A. 29 ✓
B. 32
C. 27
D. 30

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## Q27 General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of students surveyed regarding types of snacks they like to have in the college canteen.




How many students like both Samosa and Burger?

A. 13

B. 23

C. 18

D. 31 ✓

## Q28 General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| **Number/ Symbols** | 2 | @ | 9 | 5 | $ | & | 3 | % | # | 7 | + | 4 | 8 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Code** | T | F | A | J | L | E | W | Q | D | P | R | B | U | S |

Conditions:

(i) If the first element is a symbol and the last is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last is an even number, the first and the last elements are to be coded as ©

(iii) If both the second and the third elements are perfect squares, the third element is to be coded as the code for the second element.

Question: 7 % 9 # 2

A. ©QAD© ✓

B. ©AD©Q

C. ©D©QA

D. Q©AD©

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## Q29 General Intelligence and Reasoning

A group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ symbol | # | * | + | 8 | @ | 6 | 5 | 2 | % | 4 | 3 | & | 7 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code Letter | D | L | F | A | H | M | Q | N | C | X | W | G | T | R |

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for 3 & % 4 6 ?

A. WQLT©

B. ©GCX#

C. ©GCX© ✓

D. WGCXM

## Q30 General Intelligence and Reasoning

If '+' means '–', '–' means '÷', '×' means '+', '÷' means '×', what will come in place of the question mark (?) in the following equation?

$2 - 4 \times 25 + 13 \div 2 = ?$

A. $-1$

B. $3$

C. $0.5$

D. $-0.5$ ✓

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## General Intelligence and Reasoning

30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Read the given statements and conclusions carefully and decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

1. M ranked higher than B who ranked equal to S.
2. B ranked higher than F.
3. S did not rank higher than Q who ranked lower than M.
4. M ranked higher than F who did not rank lower than T.

**Conclusions:**

I. Q ranked higher than T.

II. Q ranked equal to T.

III. M ranked higher than F.

A. Conclusions I and II follow

B. Conclusions I and III follow

C. Conclusion III follows ✓

D. Conclusions II and III follow

**Q2** General Intelligence and Reasoning

Eight girls, A, B, C, D, E, F, G and H, are sitting around a circular table and facing the centre (but not necessarily in the same order). A is sitting second to the left of B. F is sitting to the immediate left of C. D is not an immediate neighbour of either F or E. H is not an immediate neighbour of B. Only three girls are sitting between A and D.

Who among the following girls are the immediate neighbours of D?

A. F and B

B. A and E

C. H and G ✓

D. E and B

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**Q3** General Intelligence and Reasoning

Six Engineering graduates, Jayanth, Komal, Lasya, Midhun, Nayan and Ojaswi, graduated from a reputed engineering institute, each of them in a different year between 2004-2009. Jayanth graduated in the year immediately before the year Nayan graduated. Only one engineering student graduated between Komal and Ojaswi, where Komal was Ojaswi's senior. Ojaswi graduated in 2009.

If Midhun graduated in 2004, then who graduated in 2006?

A. Komal

B. Nayan ✓

C. Lasya

D. Jayanth

**Q4** General Intelligence and Reasoning

Each vowel in the word GRADIENT is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

A. B

B. J

C. F ✓

D. M

**Q5** General Intelligence and Reasoning

What approximate value should come in place of the question mark (?) in the following equation?

$7.05 - 20.92 + 16.20 \times 3.99 = ?$

A. 52

B. 50 ✓

C. 62

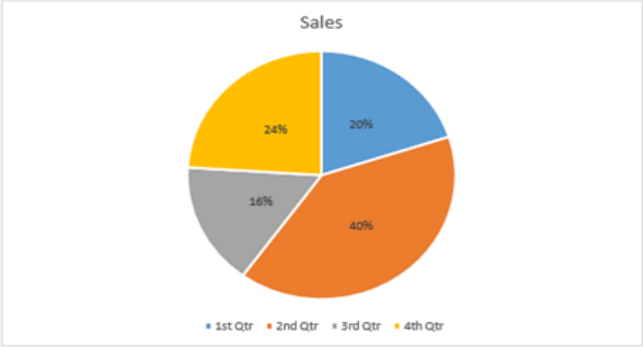
D. 76

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**Q6** General Intelligence and Reasoning

The given pie chart shows the sales of a store in each quarter as the percentage of total sales. Study the pie chart and answer the question that follows.




Which quarters have the highest and lowest sales, respectively?

A. $2^{nd}$ and $3^{rd}$ ✓

B. $1^{st}$ and $2^{nd}$

C. $4^{th}$ and $3^{rd}$

D. $2^{nd}$ and $4^{th}$

**Q7** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

0, 3, 8, 15, 24, 35, ?

A. 80

B. 63

C. 48 ✓

D. 37

**Q8** General Intelligence and Reasoning

Janak started from his office and after travelling a distance of 4 km towards north, he turned to the left and travelled a distance of 3 km. He then turned left and travelled 9 km. He then took a final left, travelled 3 km and stopped. What is the shortest distance between the stopping point and his office? (All turns are 90 degree turns only)

A. 8 km

B. 7 km

C. 6 km

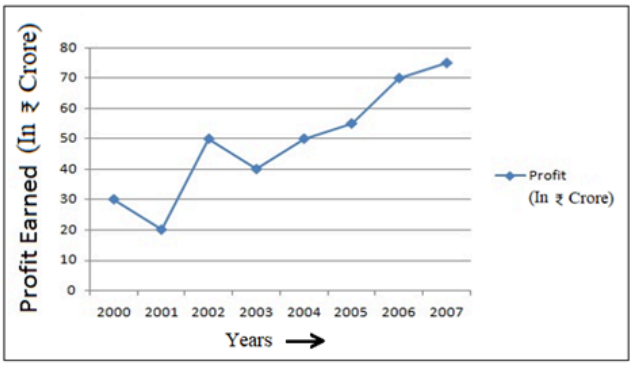
D. 5 km ✓

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**Q9** General Intelligence and Reasoning

The following graph shows the profit earned by a company over the years. Study the graph and answer the question that follows.




Calculate the increase in profit earned by the company in year 2002 as compared to previous year.

A. ₹20 crore

B. ₹30 crore ✓

C. ₹40 crore

D. ₹50 crore

**Q10** General Intelligence and Reasoning

In a certain code language, 'TOTAL' is written as 'RMRYJ' and 'PLANT' is written as 'NJYLR'. How will 'PHONE' be written in that code language?

A. NFLMC

B. NFMLC ✓

C. MLCNF

D. FNMLC

**Q11** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

3 : 16 :: 5 : 36 :: 7 : ?

A. 62

B. 63

C. 64 ✓

D. 65

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**Q12** General Intelligence and Reasoning

A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

Statement:
Do not throw glass bottles in green dustbins which are meant for other recyclable waste items.

Assumptions:

I. Dustbins for collecting glass bottles are of a different colour than the dustbins used to collect other recyclable items.

II. Glass bottles are to be thrown along with the non-recyclable waste.

A. Only assumption I is implicit ✓

B. Only assumption II is implicit

C. Neither assumptions I nor II is implicit

D. Both assumptions I and II are implicit

**Q13** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
All aliens are people.
All people are mammals.
All mammals are animals.

Conclusions:
I. Some animals are mammals.
II. All people are aliens.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Both conclusions I and II follow

D. Neither conclusion I or II follows

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**Q14** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

SJC : XOH

FMT : KRY

A. HNF : MSK ✓

B. NFH : MSK

C. NHF : MWK

D. NFK : SKD

**Q15** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ Symbol | 6 | 8 | 4 | + | 5 | # | % | 2 | $ | 1 | ^ | 7 | 9 | * | @ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | S | U | T | W | N | P | V | D | A | Z | J | M | O | M | Y |

**Conditions:**

(i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.

(ii) If the first element is a symbol, then the first element will be coded as ©.

(iii) If both the first and second elements are numbers, then the third element will be coded as *.

What will be the code for the following?

7 8 4 % @

A. MU* VY ✓

B. VY*UM

C. UM*VY

D. UMVY*

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**Q16** General Intelligence and Reasoning

A statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$R < S \leq T \leq U = V > W > X$

**Conclusions:**

I. $S = V$

II. $V > S$

A. Only conclusion I is true

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Either conclusion I or II is true ✓

**Q17** General Intelligence and Reasoning

Six medical students, J, K, L, M, N and O completed their MBBS graduation from a reputed medical institute between 2014 and 2019. Each of them graduated in a different year. J graduated in the year immediately before the year N graduated. Only one medical student graduated between K and O, where K graduated before O. O graduated in 2019. If M graduated in 2014, then who graduated in 2016?

A. K

B. N ✓

C. L

D. J

**Q18** General Intelligence and Reasoning

Six friends Q, R, S, T, U and V are sitting in a row facing north. Q is seated $2^{nd}$ to the right of T and $3^{rd}$ to the left of S. U is not an immediate neighbour of Q. Who is seated between R and V?

A. Q ✓

B. U

C. S

D. T

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**Q19** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

13, 14, 27, 41, 68, ?

A. 85

B. 118

C. 109 ✓

D. 98

**Q20** General Intelligence and Reasoning

Which of the following term will replace the question mark (?) in the given series to make it logically complete?

AMB3, DPE5, GSH7, ?, MYN11

A. KYL12

B. JVK9 ✓

C. KVL9

D. JVK12

**Q21** General Intelligence and Reasoning

Refer to the following letter, number and symbol series and answer the question.

(Left) V 2 5 U @ ℐ W ¥ # 2 Ω A R Q 1 @ F B 4 6 # H J % Z E (Right)

If all the consonants are dropped from the series, what will be the position of 'Ω' from the left?

A. Eighth

B. Seventh

C. Ninth ✓

D. Tenth

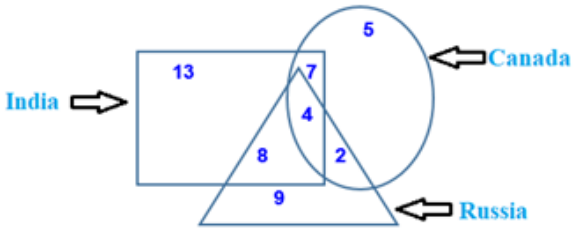
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**Q22** General Intelligence and Reasoning

Study the given diagram carefully and answer the question that follows.

The numbers in different sections indicate the number of people who belong to different countries.




What number represents the people who belong to India, Canada as well as Russia?

A. 2

B. 7

C. 4 ✓

D. 8

**Q23** General Intelligence and Reasoning

Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

8 : 2 :: 16 : 6 :: 18 : 7 :: 28 : ?

A. 21

B. 11

C. 9

D. 12 ✓

**Q24** General Intelligence and Reasoning

Refer to the following number series and answer the question.

(Left) 1 4 6 2 7 8 3 7 5 6 8 9 1 3 9 5 3 (Right)

Find the sum of all the odd numbers in the above number series.

A. 53 ✓

B. 55

C. 57

D. 58

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**Q25** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All chairs are pens.

Some pens are shoes.

Some shoes are desks.

Conclusions:

(I) Some desks are chairs.

(II) Some shoes are chairs.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follow ✓

D. Both conclusions I and II follow

**Q26** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷', and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$44 \times 11 - 25 \div 20 + 80 = ?$

A. 40 ✓

B. 60

C. 100

D. 90

**Q27** General Intelligence and Reasoning

Which two numbers should be interchanged to make the following equation correct?

$9 + 7 - (6 \div 3 - 4) \times 8 = 31$

A. 9 and 7

B. 8 and 7 ✓

C. 6 and 7

D. 4 and 7

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**Q28** General Intelligence and Reasoning

Study the following arrangement and answer the question given below. All numbers given below are 2 digit numbers.

33 56 93 % 28 21 @ / 84 94 39 $ 65 19 # 81

Which is the $7^{th}$ term to the right of the $14^{th}$ term from the right end in the above arrangement?

A. @

B. 84

C. 94 ✓

D. 21

**Q29** General Intelligence and Reasoning

Amit starts from Point A and drives 6 km towards the south. He then takes a left turn, drives 4 km, turns right and drives 3 km. He then takes a right turn and drives 7 km. He takes a final right turn, drives 9 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 3 km towards the north

B. 2 km towards the east

C. 3 km towards the east ✓

D. 2 km towards the west

**Q30** General Intelligence and Reasoning

Six pen boxes of different brands, P1, Q2, R3, S4, T5 and U6, are kept one above the other but not necessarily in the same order. P1 is third from the top and immediately below U6. Only two boxes are there between P1 and Q2. There are two boxes between R3 and T5. R3 is placed below T5. How many pen boxes are there between T5 and Q2?

A. One

B. Two

C. Three

D. Four ✓

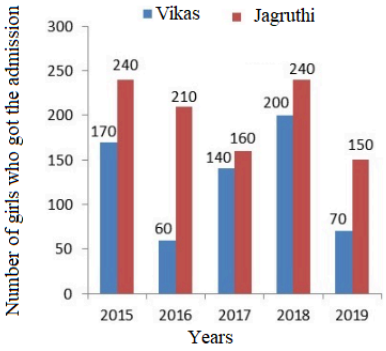
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**Q1** General Intelligence and Reasoning

Study the graph and answer the question that follows.

The following bar graph shows the total numbers of girls who got the admission in two degree colleges Vikas and Jagruthi from 2015 to 2019 are given.




What is the ratio between total girl students in 2016 to the total girl students in 2019 of both degree colleges?

A. 25 : 21

B. 29 : 12

C. 31 : 11

D. 27 : 22 ✓

**Q2** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(12, 8, 90)

(8, 8, 58)

A. (13, 7, 85) ✓

B. (11, 7, 72)

C. (9, 8, 78)

D. (5, 8, 30)

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**Q3** General Intelligence and Reasoning

A certain number of class XII students are standing together; each are of different weights. When their weights are compared, Adya is heavier than Dilipa, but lighter than Fiya. Charu is lighter than Esha and heavier than Bidan, who is heavier than Fiya. Only one student is heavier than Esha. Only two students are lighter than Dilipa. If no other student is part of the group, what is the total number of students in the group?

A. Ten

B. Six

C. Seven

D. Nine ✓

**Q4** General Intelligence and Reasoning

Refer to the number and symbol series, and answer the question that follows.

(Left) 6 % 7 & 9 4 3 @ 2 8 * 3 # 9 & 2 (Right)

How many symbols are there between the third element from the right end and the fourth element from the left end of the given series?

A. 4

B. 3 ✓

C. 2

D. 5

**Q5** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

(Left) Q A Y S R E Z I L X B O P A R D I H O U K (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

A. One

B. Two

C. Three ✓

D. Four

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**Q6** General Intelligence and Reasoning

Shiv started from his office and walked 15 m towards the south. He then turned right and walked 20 m. He then turned right again and walked 15 m. He then turned left and walked another 15 m to reach the place where his car is parked. How far and in which direction is the car parked from the office?

A. 15 meters East

B. 15 meters West

C. 20 meters North

D. 35 meters West ✓

**Q7** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

1, 8, 7, 14, 13, 20, 19, 26, 25, ?

A. 29

B. 30

C. 31

D. 32 ✓

**Q8** General Intelligence and Reasoning

Study the following table carefully and answer the questions based on it.

The table below shows the number of Air coolers sold on different days by five different stores in a city.

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|---|---|---|---|---|---|---|---|
| P | 45 | 40 | 28 | 48 | 20 | 20 | 24 |
| Q | 92 | 90 | 12 | 27 | 16 | 26 | 98 |
| R | 36 | 80 | 13 | 30 | 38 | 47 | 62 |
| S | 46 | 60 | 64 | 12 | 52 | 76 | 34 |
| T | 18 | 48 | 69 | 58 | 80 | 15 | 10 |

What is the average of number of Air coolers sold by the store Q on Thursday, store T on Saturday and store S on Tuesday?

A. 44

B. 24

C. 34 ✓

D. 52

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**Q9** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

A C P D I U V K J Q E V F

How many consonants have one vowel on one side and one consonant on the other side as immediate neighbours?

A. 7

B. 6

C. 4

D. 5 ✓

**Q10** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(11, 202, 9)
(13, 233, 8)

A. (17, 231, 9)

B. (15, 255, 8)

C. ( 9, 181, 7)

D. ( 15, 274, 7) ✓

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**Q11** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/symbol | * | 2 | @ | 5 | ^ | + | 7 | # | % | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| Letter code | J | P | A | F | D | N | R | K | M | Z |

Conditions:

(i) If the first element is a symbol and the last, a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last, an even number, the first and last elements are to be coded as S.

Which of the following will be the code for + 5 ^ 9 # 2 ?

A. F D Z K P N

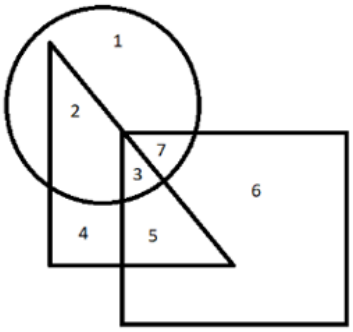
B. N D F Z K P

C. P F D Z K N ✓

D. N F D Z K P

**Q12** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'hockey players', the square represents 'golf players', and the triangle represents 'badminton players'. How many persons are there who play both golf and hockey but NOT badminton?




A. 7 ✓

B. 6

C. 5

D. 4

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**Q13** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

3, 1, 5, −1, 7, ?

A. −2

B. 2

C. 9

D. −3 ✓

**Q14** General Intelligence and Reasoning

Five friends, Sandya, Rinku, Prachi, Thiru and Madavi, are sitting on a bench in a playground, facing north (but not necessarily in the same order). Sandya is to the immediate left of Rinku and to the immediate right of Prachi. Madavi is somewhere to the right of Rinku. Thiru is an immediate neighbour of both Rinku and Madavi.

Who is sitting at the rightmost end?

A. Prachi

B. Madavi ✓

C. Rinku

D. Sandya

**Q15** General Intelligence and Reasoning

If the digits of the number 2079816 are arranged in increasing order from left to right, what will be the middle digit?

A. 6 ✓

B. 2

C. 7

D. 8

**Q16** General Intelligence and Reasoning

Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

ULJ - POO - KLT

LMF - GNK - BMP

A. GTF- BGJ - GTN

B. YVJ - UEO - QVT

C. PIO - KRT - FIY ✓

D. RGF - STK - TGP

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**Q17** General Intelligence and Reasoning

Six persons, Aditya, Binod, Chaya, Dilshan, Estar and Fatima, travelled in different months of the same year viz. January, March, May, July, September and November. None of them travelled after Binod, who travelled immediately after Chaya. Only three people travelled before Estar. Aditya travelled immediately after Fatima. Dilshan did not travel in the month of May.

Who among them travelled in May?

A. Fatima

B. Aditya ✓

C. Estar

D. Chaya

**Q18** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $E = A < T \leq D > H > O < X$

Conclusions:

I. $D > E$

II. $D > O$

A. Only conclusion I is true

B. Only conclusion II is true

C. Both conclusions I and II are true ✓

D. Neither conclusion I nor II is true

**Q19** General Intelligence and Reasoning

Six persons, A, B, C, D, E and F, travelled in different months of the same year, viz. January, March, May, July, September and November. None of them travelled after B, and he travels just after C. Only three people travelled before E. A travelled just after F. D did not travel in the month of May. Who among the following travelled in May?

A. F

B. A ✓

C. E

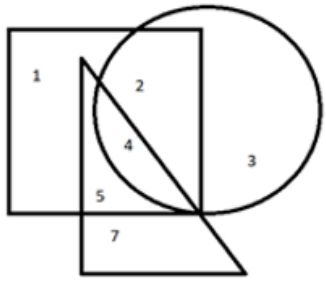
D. C

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**Q20** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'sports persons', the square represents 'coaches', and the triangle represents 'administrators'. How many sports persons are there who are also coaches but NOT administrators?




A. 1

B. 2 ✓

C. 3

D. 4

**Q21** General Intelligence and Reasoning

In this question, a group of numbers is coded using letters/symbols as per the table given below, and the conditions that follow. The correct combination of codes following the conditions is your answer.

| Number/Digit | 9 | 5 | 1 | 7 | 3 | 4 | 8 | 6 | 2 |
|---|---|---|---|---|---|---|---|---|---|
| Code | B | K | L | D | ^ | $ | # | & | F |

Conditions.

1. If the first digit is odd and last digit is even, the codes for the first and the last digits are to be interchanged.
2. If the first digit is even and last digit is odd, both are to be coded by the code for the first digit.

What will be the code for 85624731?

A. #KF&$D^L

B. #KF&D$^#

C. #K&FSD^L

D. #K&FSD^# ✓

**Q22** General Intelligence and Reasoning

Kamal is at a distance of 10 m south-west of Laxmi. If Mohit is 10 m south-east of Laxmi, then Mohit is in which direction with respect to Kamal?

A. East ✓

B. West

C. North

D. South

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**Q23** General Intelligence and Reasoning

Six students P, Q, R, S, T and U are standing in a straight row such that all of them are facing towards north, but not necessarily in the same order. Q stands second from one of the ends and immediately to the right of P. Only two persons stand between P and R. R stands second to the left of the T. The number of persons standing to the left of T is the same as to the right of P. T stands at the extreme right end of the row and to the immediate right of U. Q stands third to the left of U and stands to the immediate left of S. How many persons stand between Q and U?

A. Two ✓

B. Three

C. Four

D. One

**Q24** General Intelligence and Reasoning

A statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$Q < A < B \leq C > D > E \geq F$

**Conclusions:**

I. $F < C$

II. $D < A$

A. Only conclusion I is true ✓

B. Only conclusion II is true

C. Neither conclusion I nor II is true

D. Both conclusions I and II are true

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**Q25** General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:
Keeping children below the age of two in day care should be avoided as it only has disadvantages.

Arguments:

I. Since some parents have full time jobs with no one to take care of their children at home, keeping children in day care can provide the children with the required care.

II. Children at day care benefit by having other children around and develop good social skills.

A. I weakens, while II strengthens the statement

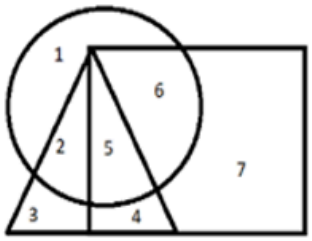
B. II weakens, while I strengthens the statement

C. Both I and II weaken the statement ✓

D. Both I and II strengthen the statement

**Q26** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'doctors', the square represents 'men', and the triangle represents 'philanthropists'. How many philanthropists are there who are NEITHER men NOR doctors?




A. 4

B. 3 ✓

C. 2

D. 1

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**Q27** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$23.96 + 24.96 + 23.16 - 18.89 \times 3.04 + 36.13 \div 6.1 = ?$

A. 27

B. 21 ✓

C. 23

D. 25

**Q28** General Intelligence and Reasoning

Each of the digits in the number 56137428 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

A. 10

B. 11

C. 12

D. 9 ✓

**Q29** General Intelligence and Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

OZF6, QWK12, STP18, UQU24, ?

A. WNY30

B. WNZ30 ✓

C. WNZ32

D. VMZ32

**Q30** General Intelligence and Reasoning

Each vowel in the word FRANTIC is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

A. Q

B. J

C. R

D. B ✓

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**Q1** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All packets are urns.

No urn is a truck.

All trucks are drums.

**Conclusions:**

I. Some packets are drums.

II. Some drums are urns.

III. All drums are truck.

A. Only conclusions I and III follow.

B. Only conclusions II and III follow.

C. Only conclusions I and II follow.

D. None of the conclusions follow. ✓

**Q2** General Intelligence and Reasoning

Preeti is walking towards the south and after covering some distance, she turns to her left, then takes a turn towards the right, and finally takes a left turn. In which direction is she going now? (All turns are 90 degree turns only)

A. South

B. North

C. East ✓

D. West

**Q3** General Intelligence and Reasoning

If ' + ' means ' – ', ' – ' means ' × ', ' × ' means ' ÷ ', ' ÷ ' means ' + ', what will come in place of the question mark (?) in the following equation?

$15 - 4 \div 2 + 10 \times 2 = ?$

A. 55

B. 56

C. 57 ✓

D. 58

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**Q4** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation, if '×' is replaced with '÷' and '–' is replaced with '×'?

$14 \times 2 + 5 - 56 \div 8 = ?$

A. 44

B. 26

C. 40

D. 42 ✓

**Q5** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

27, 54, 42, 84, 72, 144, ?

A. 156

B. 138

C. 152

D. 132 ✓

**Q6** General Intelligence and Reasoning

Each vowel in the word 'FOURTH' is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter of the word thus formed is arranged in alphabetical order, which letter will be third from the left?

A. P ✓

B. G

C. Q

D. S

**Q7** General Intelligence and Reasoning

Each of the letters in the word DIAGNOSE is arranged in alphabetical order. How many letters are there in the English alphabetical series between the letter which is third from the left and the one which is fifth from the right?

A. One ✓

B. Three

C. Five

D. Six

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**Q8** General Intelligence and Reasoning

Six friends- A, B, D, E, F and K got different ranks in class VIII final exams. Only two friends got higher rank than D and only four friends got lower rank than B. K's rank was immediately higher than B. E had 4th rank from top. A had the lowest rank among the six friends.

Who got the highest rank among the six friends?

A. F

B. E

C. K ✓

D. B

**Q9** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ Symbol | 6 | 8 | 4 | + | 5 | # | % | 2 | $ | 1 | ^ | 7 | 9 | * | @ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | S | U | T | W | N | P | V | D | A | Z | J | M | O | M | Y |

**Conditions:**

(i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.

(ii) If the first element is a symbol, then the first element will be coded as ©.

(iii) If both the first and second elements are numbers, then the third element will be coded as *.

What will be the code for the following?

% 6 8 4 @

A. ©SUTY ✓

B. YTUS@

C. @SUTY

D. TYUS@

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**Q10** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Few desks are blades.

Most blades are pillows.

All pillows are flowers.

**Conclusions:**

I. Few desks are pillows.

II. Some flowers are desks.

III. Some flowers are blades.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Only conclusion III follows. ✓

D. All the conclusions follow.

**Q11** General Intelligence and Reasoning

A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

Statement:

Children below the age of 5 years should not be allowed too much of screen time a day.

Assumptions:

I. Too much screen time for growing children will affect them adversely.

II. Limited screen time is not detrimental to children below 5 years of age.

A. Only assumption I is implicit

B. Only assumption II is implicit

C. Neither assumption I nor II is implicit

D. Both assumptions I and II are implicit ✓

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**Q12** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

A169D, B144E, C121F, D100G, ?

A. E81H ✓

B. H81E

C. F81I

D. I81F

**Q13** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

4 ? 14 19 24

A. 7

B. 8

C. 9 ✓

D. 10

**Q14** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $X > F \geq I > V < Z < K \leq O$

A. $F = K$

B. $I > Z$

C. $O > V$ ✓

D. $X > O$

**Q15** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$149.99 \times 30.01 - 109.99 + 30.01 = ?$

A. 4420 ✓

B. 4430

C. 4450

D. 4560

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**Q16** General Intelligence and Reasoning

Five students are sitting around a square table facing the centre. Ram and Sonu are both sitting in the two left corners each (but not necessarily in the same order). Sita and Kamal are both sitting in the two right corners each (but not necessarily in the same order). Ritu is an immediate neighbour of Sita and Kamal. Sita is sitting second to the left of Kamal. Who is sitting to the immediate left of Kamal?

A. Sonu

B. Ritu ✓

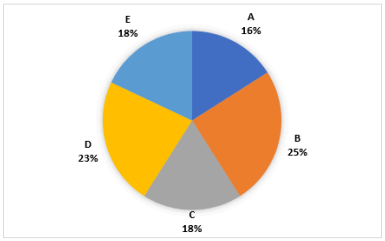
C. Sita

D. Ram

**Q17** General Intelligence and Reasoning

Study the pie chart and answer the question that follows.

The following pie chart gives the information about the production of sugar in different districts as percentage of total sugar production in all districts put together in a State.




The production of sugar from district C is how much percentage less than that of the production of sugar from district B?

A. 28% ✓

B. 8%

C. 16%

D. 35%

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## Q18 General Intelligence and Reasoning

A group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number /symbol | 2 | 9 | % | 4 | @ | * | 3 | 7 | 6 | 5 | $ | 3 | ^ | # |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code Letter | G | F | D | O | H | A | C | M | K | S | L | T | M | B |

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for % 2 4 * 9 ?

A. FGAOD

B. FGOAD ✓

C. DGOAF

D. DOAGF

## Q19 General Intelligence and Reasoning

Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
All doctors are surgeons.
Some nurses are surgeons.
Some nurses are students.

Conclusions:
I. Some doctors are students.
II. Some surgeons are doctors.
III. Some doctors are nurses.

A. Only conclusions I and II follow

B. Only conclusions I and III follow

C. Only conclusions II and III follow

D. Only conclusion II follows ✓

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**Q20** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

10 : 110 :: 7 : 56 :: 17 : ?

A. 272

B. 306 ✓

C. 235

D. 315

**Q21** General Intelligence and Reasoning

This question is based on the following 3-letter words:

(Left) FRY CAT GUN NOT (Right)

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

A. One ✓

B. Two

C. Three

D. Four

**Q22** General Intelligence and Reasoning

A statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$F > A \geq B > C < D \leq E$

**Conclusions:**

I. $E > C$

II. $E > B$

A. Only conclusion I is true ✓

B. Only conclusion II is true

C. Neither conclusion I nor II is true

D. Both conclusions I and II are true

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**Q23** General Intelligence and Reasoning

Aman travels a distance of 12 km in the north direction and he turns to the east and travels a distance of 5 km. He further turns to the north and travels 3 km and then he turns in the east direction and travels a distance of 4 km. Finally he turns in the south direction and travels a distance of 15 Km. What is the shortest distance between his starting and end positions? (All turns are 90 degree turns only)

A. 9 km ✓

B. 11 km

C. 12 km

D. 15 km

**Q24** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(123, 90, 68)

(61, 28, 6)

A. (114,82,60)

B. (143,110,88) ✓

C. (68,36,14)

D. (85,52,29)

**Q25** General Intelligence and Reasoning

Six friends, Udita, Varuni, Wasim, Hayati, Yash and Zunaid, live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 6. Zunaid lives on the floor immediately above Yash. Only one person lives between Udita and Varuni. Wasim lives immediately above Zunaid and immediately below Varuni.

Who lives on the second floor?

A. Udita

B. Varuni

C. Wasim

D. Zunaid ✓

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**Q26** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

LETTER : RETTEL :: OPTION : NOITPO :: SELECT : ?

A. CETLEC

B. ECTLCE

C. TECLEC

D. TCELES ✓

**Q27** General Intelligence and Reasoning

If 10 March 2011 is a Thursday, then what will be the day of the week on 8 April 2022?

A. Friday ✓

B. Thursday

C. Tuesday

D. Monday

**Q28** General Intelligence and Reasoning

Five businessman are sitting around a circular table facing the centre (but not necessarily in the same order). X is an immediate neighbour of Y and Z. W is to the immediate left of Y and right of Q. Who is sitting to the immediate left of W?

A. Y

B. Q ✓

C. X

D. Z

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**Q29** General Intelligence and Reasoning

Study the table and answer the question that follows. (High. = highest marks and Ave. = average marks)

| Year | English | | Maths | | Science | | Social Science | |
|---|---|---|---|---|---|---|---|---|
| | High. | Ave. | High. | Ave. | High. | Ave. | High. | Ave. |
| 2018 | 80 | 70 | 94 | 60 | 89 | 70 | 65 | 55 |
| 2019 | 82 | 65 | 85 | 62 | 95 | 64 | 66 | 58 |
| 2020 | 71 | 56 | 92 | 68 | 97 | 68 | 68 | 48 |
| 2021 | 75 | 52 | 91 | 64 | 92 | 75 | 77 | 58 |

What is the overall average of the marks in all four subjects in the year 2020, considering that equal number of students appeared for all these exams?

A. 55

B. 58

C. 60 ✓

D. 62

**Q30** General Intelligence and Reasoning

Eight pencil boxes of different brands, B, D, F, H, J, L, N and P, are kept one above the other but not necessarily in the same order. N is fourth from the top and immediately below F. P is placed at the topmost position and immediately above B. Only one box is there between H and J. J is always placed at one of the positions below H. L is placed immediately below N. How many boxes are there between J and D?

A. Two

B. One

C. None ✓

D. Three

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**Q1** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. F is taller than only one friend. A is taller than only three other friends. E is taller than D. B is taller than F but shorter than D. Who is the tallest among all the friends?

A. D

B. E ✓

C. C

D. A

**Q2** General Intelligence and Reasoning

Siddharth leaves from his home and drives 24 km towards North, and then he turns right and drives 29 km. After that, he turns right again and drives 67 km. Then he turns left and drives 32 km. He finally turns left and drives 43km to reach his destination. How far is Siddharth from his home?

A. 72 km

B. 74 km

C. 62 km

D. 61 km ✓

**Q3** General Intelligence and Reasoning

Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $P < Q < R = T$, $M < T = N$

A. $M > Q$

B. $M < Q$

C. $M < R$ ✓

D. $P > M$

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**Q4** General Intelligence and Reasoning

Refer to the following letter and symbol series and answer the question.

(Left) Z # U * Y $ K W P Q @ G & A % J B L % & H D # V (Right)

How many such consonants are there in the series which are immediately preceded and immediately followed by a symbol?

A. Two ✓

B. Three

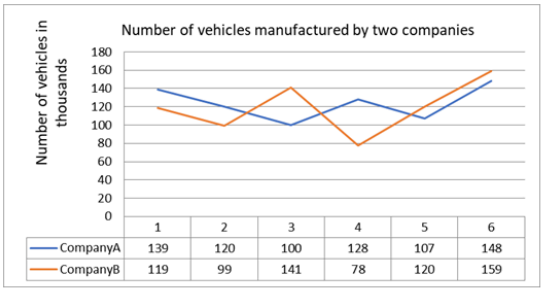
C. Four

D. Five

**Q5** General Intelligence and Reasoning

Study the given chart and answer the question that follows.

The numbers 1 to 6 represent the years from 2001 to 2006.




| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| CompanyA | 139 | 120 | 100 | 128 | 107 | 148 |
| CompanyB | 119 | 99 | 141 | 78 | 120 | 159 |

The production of company B in 2004 was approximately what percentage of the production of company A in the same year?

A. 61% ✓

B. 172%

C. 99%

D. 136%

**Q6** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

17, 51, 42, 126, 117, ?

A. 273

B. 351 ✓

C. 289

D. 327

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**Q7** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$12.99 - 3.02 + 11.89 \times 9.19 = ?$

A. 118 ✓

B. 189

C. 220

D. 80

**Q8** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

B A _ D L _ A M _ L B A _ F L B A _ G L

A. MBEMM ✓

B. MBMBL

C. MMMCL

D. MCEMM

**Q9** General Intelligence and Reasoning

Select the option in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers without breaking down the numbers into its constituent digits.

E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(9, 8, 15)

(4, 5, 11)

A. (8, 19, 10)

B. (17, 13, 22) ✓

C. (8, 9, 15)

D. (11, 10, 17)

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**Q10** General Intelligence and Reasoning

Six students are sitting around a circular table facing the centre (but not necessarily in the same order). Ram is an immediate neighbour of both Shyam and Kamal. Kartik is an immediate neighbour of Kamal. Diksha is sitting to the immediate left of Kartik and Aditya is sitting to the immediate right of Shyam. Who are the immediate neighbours of Kamal?

A. Ram and Kartik ✓

B. Shyam and Diksha

C. Shyam and Ram

D. Kartik and Diksha

**Q11** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements.

Statements:

Some chairs are TVs.

Some TVs are fans.

Some fans are buses.

Conclusions:

(I) Some buses are chairs.

(II) No bus is a chair.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follow

D. Either conclusion I or II follows ✓

**Q12** General Intelligence and Reasoning

Five boxes, A, C, D, E and F, are kept one over the other, but not necessarily in the same order. D is kept immediately above E. F is kept third from the top. D is neither the top-most nor the bottom-most box. A is kept immediately below C. Which box is kept immediately below A?

A. C

B. F ✓

C. D

D. E

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**Q13** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Global warming has become an unprecedented issue over the globe.

Argument :

I. Urban life style produces a vast amount of greenhouse gases.
II. Change in temperature in many countries, is an indicator of global warming.

A. I weakens while II strengthens the statement.

B. II weakens while I strengthens the statement.

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement. ✓

**Q14** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. Some institutes are universities.
2. All schools are universities.
3. Some colleges are schools.

Conclusions:

I. Some colleges are institutes.
II. Some institutes are schools.
III. Some colleges are universities.

A. Only conclusions I follows

B. Only conclusions II and III follow

C. Only III follows ✓

D. Only conclusions I and II follow

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**Q15** General Intelligence and Reasoning

Eight people, P, Q, R, S, T, U, V and W, live on different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 8.

Exactly two people live between P and T. Q lives immediately above R, on an even numbered floor. P lives on the topmost floor. S lives in one of the floors above T on an odd numbered floor. Only four people live between S and U. W lives on the lowermost floor. Who lives on the sixth floor?

A. U

B. V ✓

C. W

D. Q

**Q16** General Intelligence and Reasoning

In a code language, 'hay in the sack' is written as 'it fn en ho', 'the sack is full' is written as 'en ho go bu' and 'the hay is full' is written as 'en bu fn go'. What is the code for the word 'sack' in that language?

A. ho ✓

B. it

C. fn

D. en

**Q17** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

REPORT : SFQPSU :: WHITE : XIJUF :: PROGRAM : ?

A. SHPSNBS

B. SQHPBNS

C. RSHPNSB

D. QSPHSBN ✓

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**Q18** General Intelligence and Reasoning

Eight houses M, N, O, P, Q, R, S, and T are located in a big campus. House O is 20 m west from house N which is 30 m south to house M. House M is 40 m west to house Q. House P is 50 m south to house Q. House R is at a distance of 15 m towards the north from house S. House T is located at 20 m to the east from house S. House R is 40 m west to house P. In which direction is house Q located from house R?

A. North-east ✓

B. North-west

C. South-east

D. South-west

**Q19** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

K D N C I C L O A S C S O P M C O D K C V N D C M M

How many consonants are there in the given series between the letter that is fifth from the right end and the letter that is sixth from the left end of the given series?

A. Eight

B. Three

C. Eleven ✓

D. Thirteen

**Q20** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

42 : 7 :: 110 : 11 :: 132 : ?

A. 13

B. 15

C. 12 ✓

D. 17

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**Q21** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

15, 18, 24, 33, 45, ?

A. 36

B. 37

C. 42

D. 60 ✓

**Q22** General Intelligence and Reasoning

If 1 is subtracted from each odd digit and 1 is added to each even digit in the number 92379654, what will be the sum of the digits which are second from the left and third from the right?

A. 5

B. 10 ✓

C. 8

D. 6

**Q23** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All products are usefuls.
2. No useful is tough.
3. All toughs are durables.

Conclusions:

I. Some products are durables.
II. Some durables are usefuls.
III. All durables are toughs.

A. Only Conclusion I and III follow

B. Only Conclusion II and III follow

C. Only Conclusion I and II follow

D. None of the conclusions follow ✓

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**Q24** General Intelligence and Reasoning

This question is based on the following 3-letter words.

GYM HIP JAM LAC PIC

If the first letter of all the words is changed to the following letter of the English alphabetical series, how many words will have more than one vowel? (Same or different Vowel)

A. Zero

B. One ✓

C. Two

D. Three

**Q25** General Intelligence and Reasoning

In a certain code language, 'SHAKE' is written as 'TKFRN' and 'JUICE' is written as 'KXNJN'. How will 'SWEET' be written in the same code language?

A. TZJLC ✓

B. TZJLK

C. TTJLC

D. TZZLC

**Q26** General Intelligence and Reasoning

Six friends, Atiq, Bijoy, Kamal, Faya, Esha and Dhruv are sitting in a straight row facing North(but not necessarily in the same order). Faya is third to the left of Bijoy. Atiq is third to the right of Kamal. Esha is second to the right of Bijoy. Faya is on the extreme left end. Who is at the extreme Right?

A. Dhruv

B. Atiq

C. Esha ✓

D. Kamal

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**Q27** General Intelligence and Reasoning

What will come in the place of '?' in the following equation, if '+' and ' –' are interchanged and also '×' and '÷' are interchanged?

$15 \div 27 \times 3 + 36 - 12 = ?$

A. 110

B. 111 ✓

C. 105

D. 95

**Q28** General Intelligence and Reasoning

If 26 January 2018 is a Friday, then what will be the day of the week on 29 January 2021?

A. Friday ✓

B. Sunday

C. Monday

D. Wednesday

**Q29** General Intelligence and Reasoning

Six persons, Pratik, Ansh, Rajesh, Shivam, Tanu and Ujma, travelled in different months of the same year viz. January, February, March, April, May and June. Pratik travelled in March. Only one person travelled between Pratik and Ujma. No one travelled between Tanu and Ansh. Ansh travelled in one of the months after Tanu. More than two persons travelled between Ansh and Rajesh. Ansh travelled on one of the months before Rajesh. Who among them travelled in June?

A. Rajesh ✓

B. Ansh

C. Shivam

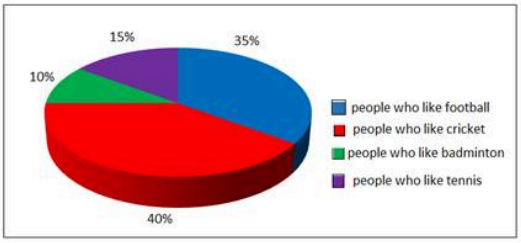
D. Ujma

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**Q30** General Intelligence and Reasoning

According to a survey, the percentage of people who like different sports is shown in the following pie-chart. Blue represents people who like football, red represents people who like cricket, green represents people who like badminton, and purple represents people who like tennis. Study the pie-chart and answer the question.




The survey was to be conducted on 28,500 people. If only two-third of the total people took the survey, then how many people like badminton and tennis?

A. 4,750 ✓

B. 19,000

C. 5,425

D. 13,500

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**General Intelligence and Reasoning** 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Each of the digits in the number 5384972 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. One ✓

B. Two

C. Three

D. None

**Q2** General Intelligence and Reasoning

Punit was driving a car towards the north direction, then he turned to his left and drove 10 km. Again, he turned left and drove a distance of 20 km, and further took a left turn and drove a distance of 10 km. His present location is 10 km south of his starting point. How far did he drive towards the north direction initially? (All turns are 90 degree turns only)

A. 10 km ✓

B. 20 km

C. 15 km

D. 18 km

**Q3** General Intelligence and Reasoning

Each vowel in the word 'PAIR' is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter of the word thus formed is arranged in alphabetical order, which letter will be third from the right?

A. B

B. J ✓

C. O

D. Q

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**Q4** General Intelligence and Reasoning

Supriya, Tanmay, Umesh, Viplav and Wasim are sitting around a circular table facing the centre (but not necessarily in the same order). Supriya is the immediate neighbour of Tanmay and Wasim. Umesh is to the immediate right of Tanmay. Viplav is the immediate neighbour of Umesh and Wasim.

Who is sitting to the immediate left of Supriya?

A. Tanmay

B. Umesh

C. Viplav

D. Wasim ✓

**Q5** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

465 638 359 987 563

If the positions of the first two digits in each number are reversed, then the difference between the first digit of the greatest number and the first digit of the lowest number is equal to:
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

A. 7

B. 6

C. 5 ✓

D. 4

**Q6** General Intelligence and Reasoning

Taruni drives 65 km towards the east to reach city park. Then she turns right and drives another 85 km, then turns left and drives another 53 km to reach the metro station. In which direction is she facing now? (All turns are 90 degree turns only)

A. East ✓

B. West

C. North

D. South

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**Q7** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide
which of the conclusions logically follow(s) from the statements.

Statements:
Some blues are greens.
All greens are emeralds.
All emeralds are gems.

Conclusions:
I. Some blues are gems.
II. Some gems are greens.

A. Only conclusion I follows

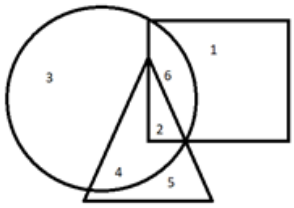
B. Only conclusion II follows

C. Both conclusions I and II follow ✓

D. Neither conclusion I nor II follows

**Q8** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'professors', the square represents 'poets', and the triangle represents 'women'. How many professors are there who are women and also poets?




A. 1

B. 2 ✓

C. 3

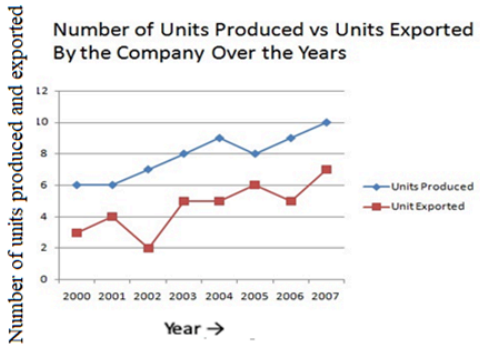
D. 4

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## Q9 General Intelligence and Reasoning

The following graph shows the number of units produced and number of units exported by a company over the years.
Study the graph and answer the question that follows.




During which year did the units produced decline?

A. 2000 - 2001

B. 2004 - 2005 ✓

C. 2005 - 2006

D. 2001 - 2002

## Q10 General Intelligence and Reasoning

A group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/symbol | 7 | @ | 3 | $ | ^ | 7 | 6 | 4 | % | & | # | 2 | * | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code Letter | G | O | K | I | R | M | A | T | L | D | F | B | Q | O |

**Conditions:**

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for '7 % # @ 4' ?

A. GLFOT

B. ©LFOT

C. ©LFO© ✓

D. GLFO©

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**Q11** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

7 : 42 :: 9 : 54 :: 11 : ?

A. 55

B. 66 ✓

C. 77

D. 88

**Q12** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

33 : 55 :: 46 : 68 :: 68 : ?

A. 94

B. 96

C. 90 ✓

D. 100

**Q13** General Intelligence and Reasoning

A certain number of advocates are sitting in a row in a bar council, facing north. Piyush is an immediate neighbour of both Vinod and Taman, while Rudir is an immediate neighbour of both Taman and Biswas. Vinod is sitting at the extreme right end. There are only two advocates to the left of Biswas. If no other advocate is sitting in the row, what is the total number of advocates seated in that row?

A. Eight

B. Nine

C. Ten

D. Seven ✓

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**Q14** General Intelligence and Reasoning

C, E, K, M, O, Q and Z are sitting around a round table facing towards the center (but not necessarily in the same order). C is the immediate neighbour of Z and M. O is neither an immediate neighbour of M nor E. Q, who is second to the left of O has K and E as immediate neighbours?

Who is sitting to the immediate right of O?

A. G

B. M

C. K

D. Z ✓

**Q15** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

Statement: $W \leq P < S > Y = R \geq T > M$

A. $Y < P$

B. $S > W$ ✓

C. $Y \geq P$

D. $M > R$

**Q16** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

6, 12, 30, 84, 246, ?

A. 741

B. 732 ✓

C. 763

D. 743

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**Q17** General Intelligence and Reasoning

Six players, Aman, Bidya, Chahal, Druv, Elia and Flintoff, were born on different dates 1st, 2nd, 3rd, 4th, 5th and 6th of the same month. None of them were born after Druv, who was born on the date which is immediately after Elia. Only three players were born before Aman. Only two players were born between Chahal and Elia. Bidya was not born after Chahal.

Who among the following was born on 3rd?

A. Bidya

B. Chahal

C. Flintoff ✓

D. Aman

**Q18** General Intelligence and Reasoning

Letters are coded as numbers/symbols as per the table given below and the conditions which follow. Refer to the codes and conditions and then select the correct code for JUPITER.

| Letters | A | C | P | I | T | U | E | R | J |
|---|---|---|---|---|---|---|---|---|---|
| Number/Symbol | + | 8 | - | 6 | % | @ | 4 | 9 | # |

Conditions:

(i) If a letter is immediately followed by a vowel, it will be coded as 7.

(ii) If a word ends with a vowel, the vowel will be coded as 3.

A. 7@76%49

B. 7@-6%49

C. #@-6%49

D. 7@76749 ✓

**Q19** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

_ T U _ R T _ S _ _ W S R T X _

A. RTUSRX

B. RSVTRR

C. RSVRTR

D. RSVRTS ✓

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**Q20** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

DXB : GSI :: KVR: NQY :: JNP: ?

A. MIV

B. NIW

C. MHW

D. MIW ✓

**Q21** General Intelligence and Reasoning

Refer to the following number series and answer the question that follows.

(Left) 2 5 4 3 3 4 5 2 4 6 5 1 1 4 6 7 4 5 8 7 3 1 5 7 (Right)

If every odd number in the above series is dropped, which number would appear at the eighth place from the right?

A. 8

B. 6

C. 2

D. 4 ✓

**Q22** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$7.98 \times 2 + 3.96 \times 6 - 18 \div 2 + 1 = ?$

A. 36

B. 40

C. 32 ✓

D. 25

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**Q23** General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:
People are becoming more conscious about moving towards a healthy lifestyle.

Arguments:

I. Many people are switching to organic farming as the food is healthier.

II. People are planning meals and cooking at home more than before.

A. I weakens, while II strengthens the statement

B. II weakens, while I strengthens the statement

C. Both I and II weaken the statement

D. Both I and II strengthen the statement ✓

**Q24** General Intelligence and Reasoning

Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $A = T > I > D, Q > M > J > T$

A. $I > Q$

B. $D < Q$ ✓

C. $M < I$

D. $A = Q$

**Q25** General Intelligence and Reasoning

If 15 May 2001 is a Tuesday, then what will be the day of the week on 11 June 2013?

A. Monday

B. Tuesday ✓

C. Wednesday

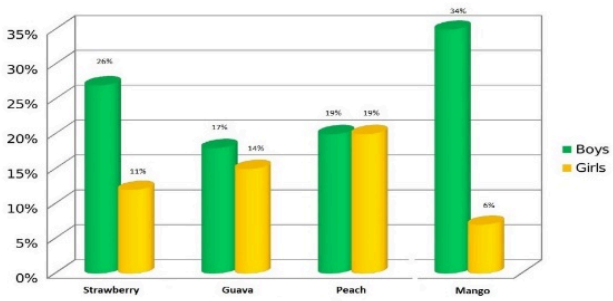
D. Sunday

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**Q26** General Intelligence and Reasoning

The percentage of boys and girls liking four different fruits are shown in the following graph. Study the graph and answer the question.




The respective ratio of the number of boys to the number of girls is 2 : 3. If the total number of boys and girls together is 11,500, then total how many boys and how many girls like peaches?

A. 874 boys and 1311 girls ✓

B. 874 boys and 874 girls

C. 1311 boys and 874 girls

D. 1311 boys and 1311 girls

**Q27** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

15, 17, 37, 115, ?

A. 455

B. 460

C. 465 ✓

D. 470

**Q28** General Intelligence and Reasoning

If '+' means '×', '×' means '÷', '÷' means '−', and '−' means '+', then what will be the value of the given expression?

$490 \times 7 + 2 - 8 \div 6$

A. 142 ✓

B. 136

C. 98

D. 202

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**Q29** General Intelligence and Reasoning

Seven Woodland shoe boxes marked with A, B, C, D, E, F and G are kept one above the other but not necessarily in the same order. G is kept fourth from the bottom and immediately below E and immediately above B. There are only three boxes between C and F where C is place somewhere above F. D is placed at the bottom most position. How many shoe boxes are placed between A and F?

A. Four ✓

B. Three

C. Two

D. Five

**Q30** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some pens are books.
Some books are pencils.
Some pencils are chairs.

Conclusions:
(I) Some chairs are pens.
(II) Some pencils are pens.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows ✓

D. Both conclusions I and II follow

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**Q1** General Intelligence and Reasoning

In a queue, Rahul is 21st from the front end and Ankit is 10th from the rear end, and there are 4 people between them. How many people are there in the queue if Ankit is standing somewhere behind Rahul in the queue?

A. 35 ✓

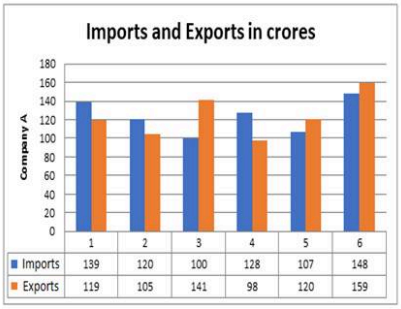
B. 36

C. 37

D. 38

**Q2** General Intelligence and Reasoning

The given bar graph shows the exports and imports of Company A over a period of time. Study the bar graph and answer the question that follows.
The numbers 1 to 6 in the graph represent the years from 2001 to 2006.




What is the average of the imports for the period 2001 to 2006 (in crores)?

A. 80.24

B. 172.40

C. 123.66 ✓

D. 56.61

**Q3** General Intelligence and Reasoning

Each of the six graduate students, Anudeep, Yamuna, Chinmayi, Divija, Esha and Guna, has an online PG entrance exam on a different day of a week, starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. None of them have the exam before Chinmayi and after Yamuna. Guna has the exam immediately after Anudeep and immediately before Divija. Esha has the exam on Tuesday and immediately before Anudeep.

Who among the following has the exam on Friday?

A. Guna

B. Divija ✓

C. Anudeep

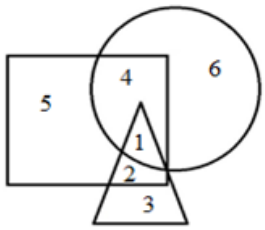
D. Yamuna

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**Q4** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'men', the square represents 'photographers', and the triangle represents 'musicians'. How many men are there who are NEITHER photographers NOR musicians?




A. 4

B. 6 ✓

C. 5

D. 2

**Q5** General Intelligence and Reasoning

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5613743658, which of the following digits will be second from the left?

A. 6

B. 4 ✓

C. 2

D. 3

**Q6** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

3 : 25 :: 8 : 100 :: 12 : ?

A. 144

B. 169

C. 225

D. 196 ✓

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**Q7** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Education is the backbone of human society.

Arguments:

I. Schools are learning centres of societal norms and regulations.

II. Any society with less concern about education, cannot grow and develop in present times.

A. I weakens while II strengthens the statement.

B. II weakens while I strengthens the statement.

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement. ✓

**Q8** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word 'SHIRT' is arranged in alphabetical order?

A. One ✓

B. Two

C. Three

D. Four

**Q9** General Intelligence and Reasoning

Each of six friends has a different height. Anant is taller than Gagan. Manoj is shorter than Janak. Parth is taller than Janak but shorter than Gagan. If Anurag is the shortest, then who is the tallest among them?

A. Parth

B. Anant ✓

C. Janak

D. Manoj

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**Q10** General Intelligence and Reasoning

Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

MON 4, QSR 10, UWV 16, YAZ 22, ?

A. AED 24

B. DED 25

C. CED 28 ✓

D. CFD 28

**Q11** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

8 13 17 20 22 ?

A. 23 ✓

B. 24

C. 22

D. 25

**Q12** General Intelligence and Reasoning

In this question, a group of letters is coded using symbols as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Letters | D | T | V | O | I | A | P | E |
|---|---|---|---|---|---|---|---|---|
| Codes | @ | > | ^ | % | = | # | $ | + |

Conditions:

i. If both the first and the last letters of the word are vowels, then both these letters will be coded as '&'.

ii. If both the first and the last letters of the word are consonants, then both these letters will be coded as '*'.

What will be the code for the word 'ADOPTIVE'?

A. # @ % $ > = ^ &

B. & @ % $ > = ^ +

C. # @ % $ > = ^ +

D. & @ % $ > = ^ & ✓

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**Q13** General Intelligence and Reasoning

In a queue, Mahima is $28^{th}$ from the front end and Anshul is $22^{th}$ from the rear end, and there are 5 people between them. How many people are there in the queue if Anshul is standing somewhere behind Mahima in the queue?

A. 53

B. 54

C. 55 ✓

D. 56

**Q14** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

**Statements:**

All sachets are bags.

Some bags are clocks.

No clock is a toaster.

**Conclusions:**

I. Some toasters are clocks.

II. No sachet is a toaster.

III. Some bags are sachets.

A. Only conclusions I and II follow.

B. Only conclusions II and III follow.

C. Only conclusion I follows.

D. Only conclusion III follows. ✓

**Q15** General Intelligence and Reasoning

In a certain code language, 'BOY is written as 'ACNPXZ' and 'TOY' is written as 'SUNPXZ'. How will 'JOY' be written in that code language?

A. XZNPIK

B. IKXZNP

C. ZXPNKI

D. IKNPXZ ✓

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**Q16** General Intelligence and Reasoning

If ' + ' means ' − ', ' − ' means ' × ', ' × ' means ' ÷ ', ' ÷ ' means ' + ', what will come in place of the question mark (?) in the following equation?

$44 \div 120 \times 5 - 2 + 10 \times 2 = ?$

A. 84

B. 85

C. 86

D. 87 ✓

**Q17** General Intelligence and Reasoning

If in the word 'BOARD' all the letters are arranged in alphabetical order from left to right, then the position of how many letters will be remain unchanged?

A. One

B. None ✓

C. Three

D. Four

**Q18** General Intelligence and Reasoning

Six doctors are sitting in a row facing north. Omprakash is sitting third to the left of Tanvi, who is sitting second to the right of Matank. Yadhu is sitting to the immediate right of Sunil, who is sitting somewhere to the left of Omprakash. Neither Yadhu nor Karuna sit at the extreme ends. What is Karuna's position with respect to Yadhu?

A. Third to the left

B. Third to the right ✓

C. Fourth to the right

D. Fourth to the left

**Q19** General Intelligence and Reasoning

Rohit started on his bicycle from his home and travelled a distance of 5 km in the south direction. He then turned towards the right and travelled a distance of 2.5 km, and again took a turn towards the right and travelled a distance of 5 km. Finally, after taking a left turn, he travelled a distance of 5 km. What is the shortest distance between his present location and his home? (All turns are 90 degree turns only)

A. 9.5 km

B. 8.5 km

C. 7.5 km ✓

D. 6.5 km

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**Q20** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

15, 16, 32, 35,140, ?

A. 144

B. 142

C. 145 ✓

D. 700

**Q21** General Intelligence and Reasoning

If 14 April 2005 is a Thursday, then what will be the day of the week on 10 May 2017?

A. Thursday

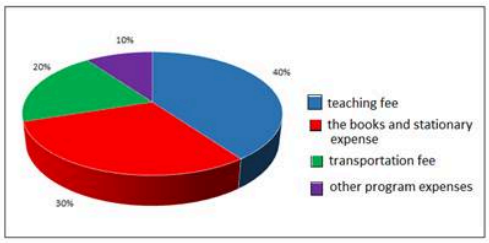
B. Tuesday

C. Friday

D. Wednesday ✓

**Q22** General Intelligence and Reasoning

The percentage expenditure of a school is shown in the following pie-chart. Blue represents the teaching fee, red represents the books and stationary expense, green represents transportation fee, and purple represents other program expenses. Study the pie-chart and answer the question.




The total income is ₹27,00,000. What is the amount spent on teaching fee and transportation fee if the total school expense is one-third of the total income?

A. ₹9,00,000

B. ₹4,30,000

C. ₹7,50,000

D. ₹5,40,000 ✓

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**Q23** General Intelligence and Reasoning

Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

25 : 4 :: 49 : 6 :: 9 : 2 :: 100 : ?

A. 9 ✓

B. 6

C. 4

D. 7

**Q24** General Intelligence and Reasoning

If '+' means '÷', '–' means '×', '×' means '+', '÷' means '–', what will come in place of the question mark (?) in the following equation?

81 ÷ 3 – 14 ÷ 7 × 6 + 6 – 5 = ?

A. 37 ✓

B. 43

C. 50

D. 55

**Q25** General Intelligence and Reasoning

Refer to the letter and symbol series, and answer the question that follows.

(Left) G H T % K & L M # S T * Q @ N O (Right)

How many symbols are there between the seventh element from the right end and the fifth element from the left end of the given series?

A. 4

B. 2 ✓

C. 3

D. 1

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**Q26** General Intelligence and Reasoning

Pallavi starts walking towards the north and after covering a distance, she turns to the right, then again to the right and after covering some more distance, she again turns to the right. Now, in which direction is she facing? (All turns are 90 degree turns only)

A. South

B. North

C. West ✓

D. East

**Q27** General Intelligence and Reasoning

Anu, Dilip, Eshwar, Jahnavi, Komal, Pallavi, Riya, and Tara are sitting around a square table facing the centre of the table (but not necessarily in the same order). Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. Tara is to the immediate right of Komal and to the immediate left of Jahnavi. Anu is to the immediate left of Riya. Dilip and Jahnavi have only one person between them. Eshwar is sitting at the exact centre of one of the sides and has Riya to the immediate left and Komal to the immediate right.

Who is sitting to the immediate right of Pallavi?

A. Anu

B. Dilip ✓

C. Jahnavi

D. Tara

**Q28** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $E < T = D \leq Q > Z = G$

Conclusions:

I. $T < G$

II. $Z > D$

A. Only conclusion I is true

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true ✓

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**Q29** General Intelligence and Reasoning

Given below are two letter-cluster pairs in which the second letter-cluster is related to the first letter-cluster following a certain logic. Select the letter-cluster pair from among the options that follows the same logic.

NZF : FAN

HSE : EHH

A. CPN : NQC

B. CPN : NKC ✓

C. CPN : NEC

D. CPN : NFC

**Q30** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All anklets are printers.

Some printers are birds.

Some birds are cherries.

**Conclusions:**

I. Some birds are printers.

II. All printers are anklets.

III. Some cherries are birds.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both conclusions I and III follow. ✓

D. None of the conclusions follow.

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

This question is based on the five, four-digit numbers given below.

(Left) 6338 5345 4127 7253 6176 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

(NOTE: All operations to be done from left to right)

If 3 is subtracted from the first digit of every number, in how many numbers will the first digit be exactly divisible by 3?

A. Two ✓

B. Three

C. Four

D. Five

**Q2** General Intelligence and Reasoning

Refer to the following number series and answer the question.

(Left) 7 5 3 3 9 1 4 6 2 7 8 3 7 5 6 8 9 1 3 9 5 3 (Right)

Find the sum of all the odd numbers in the above number series.

A. 100

B. 90

C. 80 ✓

D. 70

**Q3** General Intelligence and Reasoning

Sakshi got $18^{th}$ rank from the top and Ravina got $13^{th}$ rank from the bottom. Only three students have rank in between the ranks of Sakshi and Ravina. Sakshi got higher rank than Ravina. Find the number of students in the class.

A. 33

B. 34 ✓

C. 35

D. 32

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**Q4** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $K \geq L > T \geq Z > V \leq X < R$

A. $K \geq T > Z$

B. $R > V > K$

C. $L > Z > V$ ✓

D. $X = T = K$

**Q5** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ Symbol | 6 | 8 | 4 | + | 5 | # | % | 2 | $ | 1 | ^ | 7 | 9 | * | @ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | S | U | T | W | N | P | V | D | A | Z | J | M | O | M | Y |

**Conditions:**

(i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.

(ii) If the first element is a symbol, then the first element will be coded as ©.

(iii) If both the first and second elements are numbers, then the third element will be coded as *.

What will be the code for the following?

% 5 6 7 @

A. ©NSMY ✓

B. YMSN©

C. AYNSM

D. NSMYV

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**Q6** General Intelligence and Reasoning

एक कथन और उसके बाद दो धारणाएं I और II दी गई हैं। आपको कथन में दी गई जानकारी को सत्य मानते हुए यह बताना है कि दी गई धारणाओं में से कौन सी कथन में निहित हैं?

**कथन:**

क्वींस जयंती वर्ष मनाने हेतु आयोजित एक कला प्रदर्शनी, गर्मियों में एक महीने तक लगी रहेगी, और यह जनता के लिए खुली रहेगी।

**धारणाएं:**

I. कलाकृतियां रानी के जीवन और उनकी विरासत के इर्द-गिर्द केंद्रित हैं।

II. प्रदर्शनी में भाग लेना, सभी के लिए निःशुल्क है।

A. Only assumption I is implicit

B. Only assumption II is implicit

C. Neither assumptions I nor II is implicit

D. Both assumptions I and II are implicit

Dropped by RRB: discrepancy found in question/answer, ignored for all candidates (no answer key).

**Q7** General Intelligence and Reasoning

Following table shows the marks of five students in 5 different subjects in a school examination. Each subject carries a maximum of 100 marks. Study the table and answer the question.

| Students / Subject | Rohan | Mohan | Radha | Ali | Johan |
|---|---|---|---|---|---|
| Mathematics | 70 | 88 | 70 | 90 | 95 |
| Statistics | 74 | 78 | 75 | 70 | 85 |
| Hindi | 65 | 78 | 76 | 53 | 50 |
| English | 60 | 64 | 70 | 65 | 85 |
| Social Science | 58 | 54 | 62 | 46 | 66 |

Who among them has achieved the second highest aggregated marks?

A. Johan

B. Radha

C. Mohan ✓

D. Rohan

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**Q8** General Intelligence and Reasoning

All 30 students of a class are standing in a straight row facing the north. Komal is $8^{th}$ from the right end while Priya is $14^{th}$ from the left end. How many students are standing between Komal and Priya?

A. 7

B. 9

C. 8 ✓

D. 10

**Q9** General Intelligence and Reasoning

This question is based on the following 3-letter words.

AID, BAD, CAT, DOG, EAT

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words (not necessarily meaningful) thus formed will have no vowel?

A. Three

B. Two

C. One

D. None ✓

**Q10** General Intelligence and Reasoning

In a certain code language, 'LALIT' is written as 'ODOLW' and 'MOHIT' is written as 'PRKLW'. How will 'SUMIT' be written in that code language?

A. VXLPW

B. VXPLW ✓

C. LPWVX

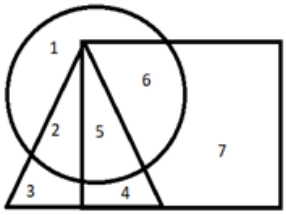
D. XVPWL

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**Q11** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. 'Hindi speakers' are represented by the circle, 'Urdu speakers' are represented by the square, and 'Tamil speakers' are represented by the triangle. How many people can speak all the three languages?




A. 2

B. 3

C. 4

D. 5 ✓

**Q12** General Intelligence and Reasoning

Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

A3E7S21 : 1C5G19U :: B4I11U23 : 2D9K21W :: C5H10L14 : ?

A. 3E8J12O

B. 3E8J13N

C. 3E8J13O

D. 3E8J12N ✓

**Q13** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

62 : 50 :: 72 : 60 :: 82 : ?

A. 70 ✓

B. 72

C. 74

D. 76

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**Q14** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation, if ' + ' and ' – ' are interchanged and also ' × ' and ' ÷ ' are interchanged?

$160 \times 8 - 22 \times 11 \div 180 \times 6 - 4 = ?$

A. 64

B. 74

C. 84 ✓

D. 94

**Q15** General Intelligence and Reasoning

Aakash starts from Point O and drives 3 km towards the north. He then takes a right turn, drives 5 km, turns right and drives 10 km. He then takes a right turn and drives 5 km. He takes a final right turn, drives 3 km and stops at Point Z. How far and towards which direction should he drive in order to reach Point O from Point Z? (All turns are 90 degree turns only)

A. 4 km towards the north ✓

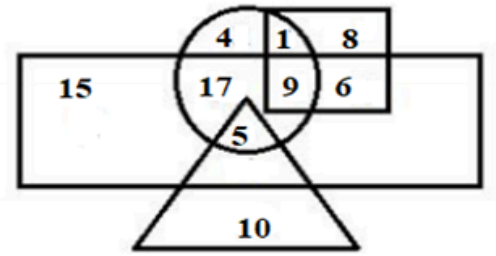
B. 2 km towards the east

C. 3 km towards the east

D. 2 km towards the west

**Q16** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The triangle represents 'motivational speakers', the circle represents 'women', the square represents 'scientists', and the rectangle represents 'married'. Find the number of married women who are scientists but NOT motivational speakers.




A. 17

B. 6

C. 9 ✓

D. 5

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**Q17** General Intelligence and Reasoning

If all the directions are moved 135 degrees clockwise, then which new direction does the original south point to?

A. North-West ✓

B. South-East

C. South-West

D. North-East

**Q18** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

WXN13, UVL19, STJ25, QRH31, ?

A. OPF37 ✓

B. OFP27

C. PFO36

D. FPO37

**Q19** General Intelligence and Reasoning

Eight politicians, Prudhvi, Samrat, Rajesh, Unadkat, Narayan, Vimal, Tapsvi and Wazid, are standing in a straight line facing north, but not necessarily in the same order. Rajesh and Wazid are the immediate neighbours of Samrat. Vimal is an immediate neighbour of Unadkat and Wazid. Tapasvi and Narayan are the immediate neighbours of Prudhvi. Neither Tapasvi nor Rajesh is at the extreme ends of the line. Unadkat is somewhere to the right of Tapasvi.

Who among the following is standing second to the right of Prudhvi?

A. Tapasvi

B. Rajesh ✓

C. Wazid

D. Vimal

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**Q20** General Intelligence and Reasoning

Seven friends, Monika, Janak, Pawan, Lokesh, Rupesh, Sohan and Anand, are sitting in a straight line facing north but not necessarily in the same order. Anand is sitting to the immediate right of Rupesh. Rupesh is sitting fourth to the right of Sohan. Pawan is an immediate neighbour of Janak and Lokesh. Lokesh is third to the right of Sohan, who is sitting at one of ends.

What is the position of Monika with respect to Lokesh?

A. Immediate neighbour

B. Third to the left

C. Second to the left

D. Third to the right ✓

**Q21** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

45, 50, 60, 75, 95, ?

A. 130

B. 115

C. 120 ✓

D. 125

**Q22** General Intelligence and Reasoning

If 12 April 2010 is a Monday, then what will be the day of the week on 8 March 2022?

A. Tuesday ✓

B. Friday

C. Sunday

D. Wednesday

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**Q23** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

6, 3, 13, 7, 20, 11, 27, 15, 34, ?

A. 20

B. 19 ✓

C. 18

D. 17

**Q24** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

32 : 150 :: 22 : 100 :: 12 : ?

A. 50 ✓

B. 55

C. 60

D. 65

**Q25** General Intelligence and Reasoning

Five film makers, Pragati, Ratan, Tomar, Vihari and Ujwala, live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 5. Vihari lives on the floor immediately below Ujwala. Pragati lives on the floor immediately above Tomar. Ratan lives on the floor immediately above Pragati. Ujwala lives on the floor immediately below Tomar.

Who lives on the third floor?

A. Ratan

B. Pragati

C. Tomar ✓

D. Ujwala

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**Q26** General Intelligence and Reasoning

In the following question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

Statement: $F \leq I < G > J \geq H > L$

Conclusions: I. $G > F$

II. $L < J$

A. Only conclusion I is true

B. Only conclusion II is true

C. Neither conclusion I nor II is true

D. Both conclusions I and II are true ✓

**Q27** General Intelligence and Reasoning

What approximate value should come in place of the question mark (?) in the following equation

$55.98 \div 7.09 \times 5.05 + 33.98 - 26.99 \div 2.97 = ?$

A. 65 ✓

B. 64

C. 63

D. 62

**Q28** General Intelligence and Reasoning

Each of the digits in the number 1428935 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. One ✓

B. Two

C. Three

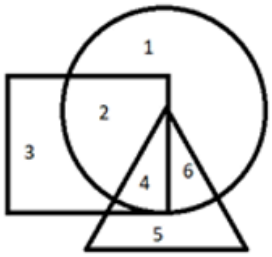
D. None

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**Q29** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'healthy people', the square represents 'men', and the triangle represents 'graduates'. How many men are there who are healthy but NOT graduates?




A. 1

B. 2 ✓

C. 3

D. 4

**Q30** General Intelligence and Reasoning

The table given shows the total number of students of a college and the number of girls who are studying in four different courses – Data science, Cloud computing, Statistics and Image processing in 3 different years.

| Year/Courses | 2016 | | 2017 | | 2018 | |
|---|---|---|---|---|---|---|
| | Total number of students | Total number of girls | Total number of students | Total number of girls | Total number of students | Total number of girls |
| Data science | 800 | 500 | 900 | 450 | 760 | 400 |
| Cloud computing | 1600 | 400 | 1800 | 1000 | 1500 | 700 |
| Statistics | 1400 | 600 | 1500 | 700 | 1040 | 400 |
| Image processing | 1200 | 600 | 1300 | 600 | 800 | 200 |

What is the average number of boys studying in all the four courses in the year 2017?

A. 586.5

B. 687.5 ✓

C. 734.5

D. 492.5

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**Q1** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(7, 127, 6)
(8, 129, 5)

A. (9, 168, 3)
B. (11, 144, 9)
C. (10, 156, 4) ✓
D. (13, 131, 5)

**Q2** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

ON : NPMO
IN : HJMO

A. GO : ARED
B. TO : SUNP ✓
C. AT : CDUV
D. DO : ACMN

**Q3** General Intelligence and Reasoning

Mohan drives 6 km towards the south and takes a turn to the right at 90°. After driving a distance of 3 km, he turns to the right and drives further 3 km. Now, in which direction is he from the starting place? (All turns are 90 degree turns only)

A. North
B. South
C. South-East
D. South-West ✓

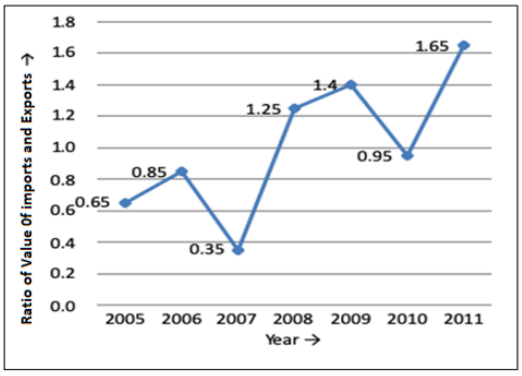
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**Q4** General Intelligence and Reasoning

The following graph shows the ratio of the imports and exports of an industry during the period from 2005 to 2011.

Study the graph and answer the question that follows.




If the imports of the company in 2009 were 420 crore, then how much were the exports?

A. 250 crore

B. 300 crore ✓

C. 350 crore

D. 400 crore

**Q5** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All jugs are cans.

All cans are engines.

Some jugs are stoves.

**Conclusions:**

I. Some engines are stoves.

II. Some cans are jugs.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Neither conclusion I nor II follows.

D. Both conclusions I and II follow. ✓

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**Q6** General Intelligence and Reasoning

Seven friends, Chandan, Aman, Falak, Manoj, Mahima, Bony and Fatima, are standing in a line facing east but not necessarily in the same order. Chandan is to the immediate right of Fatima. Fatima is fourth to the right of Falak. Manoj is an immediate neighbour of both Aman and Bony. Falak, who is third to the left of Aman, is standing at one of the extreme end.

What is the correct position of Mahima?

A. To the immediate left of Chandan

B. To the immediate left of Bony

C. Immediate neighbour of Bony and Fatima

D. Fourth to the right of Manoj ✓

**Q7** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ Symbol | 6 | 8 | 4 | + | 5 | # | % | 2 | $ | 1 | ^ | 7 | 9 | * | @ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | S | U | T | W | N | P | V | D | A | Z | J | M | O | M | Y |

**Conditions:**

(i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.

(ii) If the first element is a symbol, then the first element will be coded as ©.

(iii) If both the first and second elements are numbers, then the third element will be coded as *.

What will be the code for the following?

6 % $ 8 5

A. SVAU©

B. SVAU@ ✓

C. ©UAV@

D. SUAV©

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**Q8** General Intelligence and Reasoning

The given statements are followed by two conclusions. Find out which conclusion is true based on the given statements.

**Statements:**

$J > K = L, M \geq N < K, O < J < P, N > Q > R$

**Conclusions:**

I. $P > M$

II. $N < P$

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Neither conclusion I nor II is true

D. Both conclusions I and II are true

**Q9** General Intelligence and Reasoning

A statement is given followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of the conclusions logically follow(s) beyond a reasonable doubt from the information given in the statement.

Statement:

It is reported that heavy and erratic rainfall has destroyed many agricultural crops and farmers are in debt.

Conclusions:

I. Farmers need not repay the debt.

II. Prices of groceries and other essential food items such as lentils and grains will surge.

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Neither conclusion I nor II follows

D. Both conclusions I and II follow

**Q10** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

K P _ L Z _ P _ M Z K _ B _ Z _ P B _ Z

A. B K B P N P O

B. B K B P N K P

C. B K P P O K P

D. B K B P N K O ✓

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**Q11** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word GERMANY is arranged in alphabetical order?

A. 2

B. 4

C. 5

D. 3 ✓

**Q12** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation, if ' + ' and ' – ' are interchanged and also ' × ' and ' ÷ ' are interchanged?

$160 \times 8 + 12 - 6 \div 180 \times 6 - 4 = ?$

A. 172

B. 182

C. 192 ✓

D. 202

**Q13** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

100, 90, 81, 73, 66, 60, 55, ?

A. 50

B. 51 ✓

C. 52

D. 53

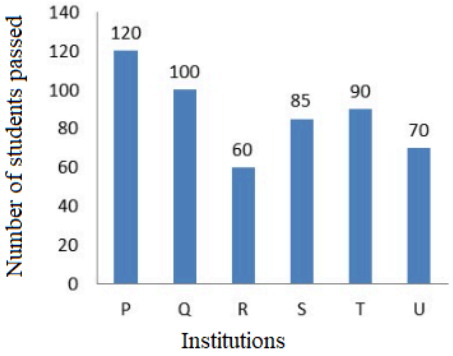
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**Q14** General Intelligence and Reasoning

Study the graph and answer the question that follows.

The following bar graph shows the number of students passed in class XII board exam from six different institutions.




Students passed from institutions U, T, P and Q together is how much more than that of institutes S and R together?

A. 234

B. 235 ✓

C. 265

D. 225

**Q15** General Intelligence and Reasoning

Each of the six security guards, L, M, N, O, P and Q, have their night shift duties on six different days of a week, starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. L's nightshift duties are on the day immediately after N. O's nightshift duties are on the day immediately before P but it is not on Monday. M's nightshift duty is on Saturday. Q's nightshift duty is on Wednesday.

Who among the following has nightshift duties on Tuesday?

A. O

B. N

C. L ✓

D. P

**Q16** General Intelligence and Reasoning

Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

6: 36 :: 13 : 169 :: 17 : 289 :: 23 : ?

A. 578

B. 533

C. 521

D. 529 ✓

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**Q17** General Intelligence and Reasoning

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5613742678, what will be the sum of the digits which are third from the left and second from the right, in the number thus formed?

A. 8

B. 9

C. 10 ✓

D. 11

**Q18** General Intelligence and Reasoning

If ' + ' means ' – ', ' – ' means ' × ', ' × ' means ' ÷ ', ' ÷ ' means ' + ', what will come in place of the question mark (?) in the following equation?

$38 \div 10 \times 5 - 7 + 10 \times 2 = ?$

A. 47 ✓

B. 45

C. 48

D. 50

**Q19** General Intelligence and Reasoning

Five students are sitting in a straight row facing the north. A and B are sitting at the extreme left and the extreme right end of the row, respectively. D is an immediate neighbour of B. C is an immediate neighbour of D and second to the right of A. E is an immediate neighbour of A. Who among the following is sitting in the third position from the extreme right end?

A. E

B. C ✓

C. D

D. B

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**Q20** General Intelligence and Reasoning

Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some pouches are combs.

All combs are reds.

All reds are sticks.

**Conclusions:**

I. All pouches are sticks.

II. All combs are sticks.

III. Some reds are combs.

IV. Some sticks are pouches.

A. Only conclusions I, II and III follow.

B. Only conclusions II, III and IV follow.

C. Only conclusions I, III and IV follow.

D. All the conclusions follow. ✓

**Q21** General Intelligence and Reasoning

In a class of 100 students, 24 students score more marks than Sharmistha whereas 18 students score lesser marks than Amit. How many students score lesser marks than Sharmistha but more marks than Amit?

A. 54

B. 55

C. 56 ✓

D. 57

**Q22** General Intelligence and Reasoning

Ajay is driving in the east direction and covers a distance of 2.5 km and then takes a turn in the left direction and travels a distance of 3 km. Further, he turns to the right and travels a distance of 4.5 km. Lastly, he turns to his right and travels a distance of 3 km. How far is he from the starting point? (All turns are 90 degree turns only)

A. 5 km

B. 6 km

C. 7 km ✓

D. 8 km

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**Q23** General Intelligence and Reasoning

Each vowel in the word FLOWER is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter, thus formed, is arranged in alphabetical order, which letter will be second from the right?

A. K

B. P

C. Q ✓

D. E

**Q24** General Intelligence and Reasoning

Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
All creepers are vegetables.
All vegetables are fruits.
Some fruits are flowers.

Conclusions:
I. Some creepers are flowers.
II. Some fruits are creepers.
III. All vegetables are flowers.

A. Only conclusions I and II follow ✓

B. Only conclusions I and III follow

C. Only conclusions II and III follow

D. Only conclusion II follows

**Q25** General Intelligence and Reasoning

Amongst six friends P, Q, R, S, T and U, each has a different height. S is taller than only two other friends. R is shorter than only one friend. P is shorter than S but taller than Q. T is shorter than U. Who is the shortest among all the friends?

A. P

B. T

C. Q ✓

D. R

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**Q26** General Intelligence and Reasoning

Refer to the following letter, symbol series and answer the question.

(Left) D # Y * C $ O A T U @ I & E % N F P % & L # Z (Right)

How many such symbols are there which are immediately preceded and immediately followed by a vowel?

A. Four

B. Three

C. Two ✓

D. One

**Q27** General Intelligence and Reasoning

In a queue, Manish is $18^{th}$ from the front end and Aman is $12^{th}$ from the rear end, and there are 8 people between them. How many people are there in the queue if Aman is standing somewhere behind Manish in the queue?

A. 37

B. 38 ✓

C. 39

D. 40

**Q28** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

2, 3, 4, 4, 6, 8, 6, 9, 12, 8, 12, 16, ?

A. 12

B. 10 ✓

C. 15

D. 20

**Q29** General Intelligence and Reasoning

How many such pairs of letters are there in the word REPUBLICAN (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. 2

B. 4

C. 5

D. 6

Dropped by RRB: discrepancy found in question/answer, ignored for all candidates (no answer key).

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## Q30 General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| **Number/ Symbols** | 2 | @ | 9 | 5 | $ | & | 3 | % | # | 7 | + | 4 | 8 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Code** | T | F | A | J | L | E | W | Q | D | P | R | B | U | S |

Conditions:

(i) If the first element is a symbol and the last is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last is an even number, the first and the last elements are to be coded as ©

(iii) If both the second and the third elements are perfect squares, the third element is to be coded as the code for the second element.

Question: + # 7 & 6

**A.** SDPER ✓

**B.** RDPRS

**C.** PERDS

**D.** DEPSR

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

81: 49 :: 36 : 16 :: 64 :: ?

A. 32

B. 36 ✓

C. 25

D. 49

**Q2** General Intelligence and Reasoning

Refer to the following number series and answer the question.

7 2 9 6 3 7 3 9 7 7 3 9 7 3 2 2 1 3 3 9 3 7 3 9 3 9

How many 3s are there that are immediately preceded by 7 and immediately followed by 9?

A. Five

B. Two

C. Three ✓

D. Four

**Q3** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

ADJUST : BEKWUV :: BACKED : CBDMGF :: PACKUP : ?

A. QBDMWQ

B. QBDMWS

C. QBDMWR ✓

D. QBDMVR

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**Q4** General Intelligence and Reasoning

Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All carpets are scholars.

All scholars are trip advisors.

No hat is a trip advisor.

**Conclusions:**

I. No trip advisor is a scholar.

II. All carpets are trip advisors.

III. Some trip advisors are scholars.

IV. No carpet is a hat.

A. Only conclusion I follows.

B. Only conclusion I and II follow.

C. Only conclusions II, III and IV follow. ✓

D. All the conclusions follow.

**Q5** General Intelligence and Reasoning

A certain number of class I students are sitting in a row on their graduation day, facing north. Ruchi is ninth to the right of Pranavi. No student is to the left of Pranavi. Tanya is fifth to the right of Ruchi. Vipanchi is seventh to the right of Tanya. If no other student is sitting in the row, what is the total number of students seated?

A. 19

B. 20

C. 21

D. 22 ✓

**Q6** General Intelligence and Reasoning

Each of the six professors of same department, Jayanth, Kiran, Lasya, Mythili, Nischal and Omprakash, have their classes on six different days of a week, starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. Only two professors have classes before Mythili's class. Jayanth has the class on Tuesday and Omprakash has the class on Saturday. Only one professor has the class after the class of Kiran. The class of Nischal is not on any of the days between the classes of Kiran and Mythili.

Who among the following has the class on Monday?

A. Kiran

B. Nischal ✓

C. Mythili

D. Lasya

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**Q7** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All eggs are millets.

All millets are balloons.

All balloons are prisoners.

**Conclusions:**

I. All balloons are eggs.

II. Some prisoners are millets.

III. All prisoners are balloons.

A. Only conclusion I follows.

B. Only conclusion III follows.

C. Only conclusion II follows. ✓

D. All the conclusions follow.

**Q8** General Intelligence and Reasoning

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 5317846, what will be the sum of the digits which are second from the left and second from the right, in the number thus formed?

A. 8 ✓

B. 10

C. 11

D. 12

**Q9** General Intelligence and Reasoning

A statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$H > L \geq M \geq N > O \leq P \leq Q$

**Conclusions:**

I. $L > P$

II. $M \leq Q$

A. Only conclusion I is true

B. Only conclusion II is true

C. Neither conclusion I nor II is true ✓

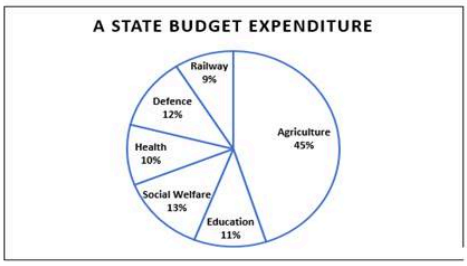
D. Both conclusions I and II are true

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**Q10** General Intelligence and Reasoning

The following pie chart represents the percentage distribution of expenditure of a state's budget. Study the pie chart and answer the question that follows.




Approximately how many degrees should be there in the central angle of the sector for agriculture expenditure?

A. 142°

B. 152°

C. 162° ✓

D. 172°

**Q11** General Intelligence and Reasoning

Rohini walked for 2 kilometres on a straight road, facing North. Then she took a right turn and walked for 1 kilometre. Then she again took a right turn and walked 2 kilometres. In which direction is she facing now? (All turns are 90 degree turns only)

A. North

B. South ✓

C. East

D. West

**Q12** General Intelligence and Reasoning

If each vowel in the word 'SCIENCE' is changed to the letter preceding it in the English alphabetical order and each consonant is changed to the letter following it in the English alphabetical order, which letter will occur maximum times in the newly formed word?

A. T

B. H

C. O

D. D ✓

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**Q13** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

(Left) J B I S O E Z I L U B O P A R D I H O M A K O (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

A. Eight ✓

B. Six

C. Three

D. Four

**Q14** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

D _ B _ A _ C _ _ G F _ E _ _ H

A. CABDHEFG ✓

B. BACDHEFG

C. CABDEFGH

D. BACDEFGH

**Q15** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(16, 64, 5)
(9, 27, 4)

A. (11, 56, 7)

B. (10, 50, 5)

C. (13, 91, 10)

D. (21, 126, 7) ✓

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**Q16** General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:
Reclaimed land should be avoided as it only has disadvantages.

**Arguments:**

I. Many countries have no option but to reclaim land to provide for the increasing population.

II. Land that is reclaimed has long lasting effect on nature as it deteriorates ecosystems and biodiversity.

A. I weakens, while II strengthens the statement ✓

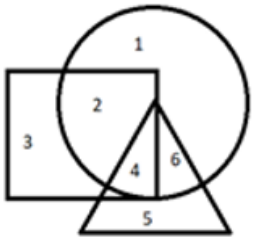
B. II weakens, while I strengthens the statement

C. Both I and II weaken the statement

D. Both I and II strengthen the statement

**Q17** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'actors', the square represents 'directors', and the triangle represents 'producers'. How many actors are there who are directors and also producers?




A. 1

B. 2

C. 3

D. 4 ✓

**Q18** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

14, 27, 40, 53, 66, 79, 92, ?

A. 105 ✓

B. 104

C. 102

D. 103

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**Q19** General Intelligence and Reasoning

Each of the six students, Pavan, Vinay, Reshma, Sunayana, Tarun and Unmukth, has an engineering entrance exam on a different day of a week, starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. Reshma has the exam on Tuesday. Only one student has the exam between Pavan and Reshma. Vinay has the exam on the day immediately after Pavan. None of them have the exam before Unmukth. Sunayana has the exam on the day immediately after Reshma.

On which day does Tarun have the exam?

A. Friday

B. Saturday ✓

C. Wednesday

D. Thursday

**Q20** General Intelligence and Reasoning

Each vowel in the word MAJESTY is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter, thus formed, is arranged in alphabetical order, which letter will be third from the left?

A. L

B. I ✓

C. B

D. F

**Q21** General Intelligence and Reasoning

Study the following table and answer the question.

| Name of the Student | Marks | | |
|---|---|---|---|
| | Paper I | Paper II | Paper III |
| Anushri | 83 | 79 | 83 |
| Jay | 71 | 90 | 60 |
| Vinay | 64 | 93 | 72 |
| Pooja | 81 | 88 | 87 |

An exam consists of three papers. If each paper was of 100 marks, then who scored the highest percentage in the exam?

A. Jay

B. Anushri

C. Pooja ✓

D. Vinay

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**Q22** General Intelligence and Reasoning

Rishabh starts from his house and walks 14 m southwards. Then, he turns left and walks 30 m. Then, he turns left and walks 50 m. Then, he turns left and walks 10 m. He then turns left and walks 36 m. In which direction and how many meters away is he now from his house?

A. 68 m, South-east

B. 30 m, West

C. 20 m, East ✓

D. 10 m, South

**Q23** General Intelligence and Reasoning

A group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number /symbol | 2 | & | 5 | ^ | @ | 6 | 4 | * | 3 | + | # | 7 | % | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code Letter | A | O | B | Q | T | D | J | G | L | M | K | S | N | R |

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for 3 * 6 2 ?

A. ©GD© ✓

B. ©GDA

C. LGDA

D. LGD©

**Q24** General Intelligence and Reasoning

Seven friends, Anmol, Bhawna, Komal, Diksha, Ekta, Falak and Gopi, are sitting in a row facing north (but not necessarily in the same order). Falak is sitting to the immediate right of Ekta. Ekta is sitting fourth of the right to Gopi. Komal is an immediate neighbour of Bhawna and Diksha. The person who is sitting third to the left of Diksha is at one of the extreme ends.

Who among the following is an immediate neighbour of Gopi and Komal?

A. Bhawna ✓

B. Ekta

C. Falak

D. Diksha

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**Q25** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

$120 \times 4 \div 2 - 8 + 10 = ?$

A. 58 ✓

B. 68

C. 78

D. 48

**Q26** General Intelligence and Reasoning

In a certain code language, ' TALCUM ' is written as ' LSZHVN' and 'GRAINS' is written as 'RLFWMA'. How will 'LOWER' be written in that language?

A. QCTKH

B. QDTKH

C. PCTKG

D. QCTKG ✓

**Q27** General Intelligence and Reasoning

Mona, Rahul, Vikas, Kavita, Poonam and Khushi, each has a different height. They are standing in a line according to their heights in an increasing order. Vikas is taller than only one person. Only Rahul is standing between Khushi and Vikas. Mona is shorter than only one person. Exactly two people are standing between Poonam and Rahul. Who is the shortest person in this group?

A. Rahul

B. Vikas

C. Poonam

D. Kavita ✓

**Q28** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

1, 5, 13, 29, 61, ?

A. 131

B. 128

C. 253

D. 125 ✓

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**Q29** General Intelligence and Reasoning

A, C, E, G, J, L, N and O are sitting around a square table facing the centre of the table(but not necessarily in the same order). Some of them are sitting at the corners while some are sitting at the exact centre of the sides. 'E' has 'A' and 'G' as immediate neighbours. The 'A' is immediately left to 'C'. The 'O' is at the immediate right of 'J'.'L' has 'J' and 'N' as immediate neighbours.

Who is sitting to the immediate left of G?

A. N

B. C

C. E

D. O ✓

**Q30** General Intelligence and Reasoning

Which two mathematical operators should be interchanged to make the given equation correct?

$18 \times 6 + 12 - 7 \div 2 = 1$

A. $\times$ and $\div$ ✓

B. $\div$ and $-$

C. $-$ and $+$

D. $+$ and $\times$

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**Q1** General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

**Statements:**

All boys are girls.
All dancers are boys.
No girl is a singer.

**Conclusions:**

1. Some boys are singers.
2. No singer is a dancer

A. Only conclusion 1 follows.

B. Only conclusion 2 follows. ✓

C. Both conclusions 1 and 2 follow.

D. Neither conclusions 1 nor 2 follows.

**Q2** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

20, 30, 18, 27, 16, 24, 14, 21, 12, 18, ?

A. 10 ✓

B. 15

C. 14

D. 12

**Q3** General Intelligence and Reasoning

If each of the digits in the number 8356427 is arranged in ascending order from left to right, then what will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 9

B. 10 ✓

C. 11

D. 12

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**Q4** General Intelligence and Reasoning

Bindi, Moni, Saya, Arjun, Himesh and Pankaj are six different friends, each of a different age. Bindi is younger than Moni but older than Saya. Arjun is younger than only one person. Himesh is older than Pankaj but younger than Moni. Saya is older than Pankaj but younger than Bindi. Who among the six is the youngest?

A. Saya

B. Pankaj ✓

C. Himesh

D. Moni

**Q5** General Intelligence and Reasoning

Garima walked 15 m towards the north and then turned to the right and walked 20 m. She further turned to the left and walked 5 m. Finally, she turned to the left again and walked 20 m. How many metres was she from the starting point and in which direction? (All turns are 90 degree turns only)

A. 15 m, North

B. 20 m, North ✓

C. 15 m, South

D. 20 m, South

**Q6** General Intelligence and Reasoning

Each vowel in the word 'ABRUPT' is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. If each letter thus formed is arranged in alphabetical order, which letter will be fourth from the right?

A. O ✓

B. B

C. Q

D. S

**Q7** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

289, 256, 225, 196, ?

A. 121

B. 151

C. 176

D. 169 ✓

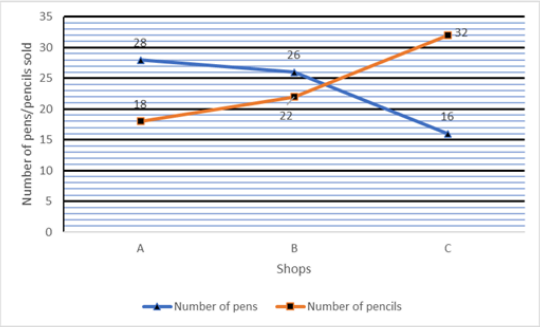
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**Q8** General Intelligence and Reasoning

Study the given line graph and answer the following question.

The given line graph depicts the number of pens and pencils sold by three shops (A, B and C).




What is the difference between the total number of pens sold by shops A and B and the number of pencils sold by shop C?

A. 22 ✓

B. 12

C. 24

D. 14

**Q9** General Intelligence and Reasoning

If '+' means '–', '–' means '×', '×' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?

$30 - 2 \div 4 + 12 \times 6 = ?$

A. 50

B. 58

C. 62 ✓

D. 64

**Q10** General Intelligence and Reasoning

DJ 15 is related to GM 20 in a certain way. In the same way, OW 25 is related to RZ 30. To which of the following is RM 35 related following the same logic?

A. UP 40 ✓

B. PU 04

C. PU 40

D. UP 45

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**Q11** General Intelligence and Reasoning

Read the given statements and conclusions carefully and decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

1. R is older than I.
2. I is N's twin brother who is older than P.
3. Y is not younger than R who is older than K.

**Conclusions:**

I. K is older than I.

II. I is younger than Y.

A. Conclusion I follows

B. Conclusion II follows ✓

C. Both conclusions I and II follow

D. Neither conclusions I nor II follows

**Q12** General Intelligence and Reasoning

In a queue, Manoj is $10^{th}$ from the front end and Ajay is $12^{th}$ from the rear end, and there is no one between them. How many people are there in the queue if Ajay is standing behind Manoj in the queue?

A. 20

B. 21

C. 22 ✓

D. 23

**Q13** General Intelligence and Reasoning

In a certain code language, 'BOAT' is written as 'DQCV' and 'PLAN' is written as 'RNCP'. How will 'PHONE' be written in that code language?

A. JQPGR

B. RJQPG ✓

C. QPGRJ

D. PGQST

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**Q14** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

2 : 19 :: 6 : 57 :: 44 : ?

A. 177

B. 399

C. 212

D. 418 ✓

**Q15** General Intelligence and Reasoning

Six persons are sitting around a circular table facing the centre. Saif is an immediate neighbour of both Raj and Sam. Kailash sits second to the left of Raj. Ankit sits second to the right of Saif. Kailash is an immediate neighbour of both Shiva and Ankit. Who is an immediate neighbour of both Raj and Kailash?

A. Shiva ✓

B. Ankit

C. Sam

D. Saif

**Q16** General Intelligence and Reasoning

Following table shows the distribution of marks obtained by 2 different set of 100 students who appeared for exams in Mathematics and statistics respectively. Study the table and answer the question.

| Marks out of 100 / Subject | 80 and Above | 60 and Above | 40 and Above | 20 and Above | 0 and above |
|---|---|---|---|---|---|
| Mathematics | 11 | 32 | 70 | 90 | 100 |
| Statistics | 9 | 21 | 64 | 81 | 100 |

The total number of students scoring less than 40% marks in their respective exams are:

A. 33

B. 66 ✓

C. 64

D. 29

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**Q17** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

23 : 44 :: 35 : 56 :: 43 : ?

A. 64 ✓

B. 66

C. 63

D. 70

**Q18** General Intelligence and Reasoning

Six people are sitting around a circular table facing the centre. Q is to the immediate left of S and third to the right of T while K is third to the left of O. K is to the immediate right of S and second to the left of M. Who is to the immediate left of M?

A. Q

B. S

C. O

D. T ✓

**Q19** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ Symbol | 6 | 8 | 4 | + | 5 | # | % | 2 | $ | 1 | ^ | 7 | 9 | * | @ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | S | U | T | W | N | P | V | D | A | Z | J | M | O | M | Y |

**Conditions:**

(i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.

(ii) If the first element is a symbol, then the first element will be coded as ©.

(iii) If both the first and second elements are numbers, then the third element will be coded as *.

What will be the code for the following?

5 4 2 % @ 6

A. NT*VY@ ✓

B. NTDVYS

C. SNTDVY

D. NTDVYZ

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**Q20** General Intelligence and Reasoning

Five employees of the same company, Jagruti, Krishna, Laxman, Maya and Nirupam, live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 5. Krishna and Nirupam live on the topmost and bottommost floors, respectively. Jagruti lives on the floor immediately above Laxman. Maya lives on the floor immediately above Nirupam.

Who lives on the second floor?

A. Krishna

B. Jagruti

C. Maya ✓

D. Laxman

**Q21** General Intelligence and Reasoning

Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

MAN 7, PDQ 16, SGT 25, VJW 34, ?

A. ZLU 36

B. YMZ 43 ✓

C. YNZ 43

D. ULZ 40

**Q22** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

$4 \times 2 \div 6 - 3 + 1 = ?$

A. 14 ✓

B. 15

C. 12

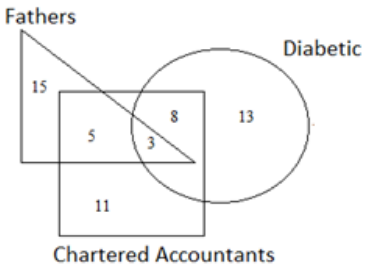
D. 18

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**Q23** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many people are chartered accountants as well diabetic but NOT fathers?

A. 3

B. 8 ✓

C. 11

D. 5

**Q24** General Intelligence and Reasoning

Each vowel in the word 'PREDICT' is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. If each letter thus formed is arranged in alphabetical order, which letter will be third from the right?

A. J

B. O ✓

C. Q

D. F

**Q25** General Intelligence and Reasoning

Harbhajan is walking in the south direction and after covering a distance of 5 m, he takes a turn to the left and further walks a distance of 3 m. Finally, he turns to his right and walks a distance of 5 m. In which direction is Harbhajan facing now? (All turns are 90 degree turns only)

A. East

B. West

C. South ✓

D. North

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**Q26** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 438 645 327 153 276 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

(NOTE: All operations to be done from left to right)

If 3 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by 2?

A. Four

B. Three

C. Two ✓

D. One

**Q27** General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

More and more agricultural land should be sold for housing and industrialisation.

Arguments:

I. Severe food shortage will be unavoidable if conversion of agricultural land into industrial land does not stop soon.

II. It has been proven that industrialisation in an area destroys its ecosystem and biodiversity.

A. I weakens, while II strengthens the statement

B. II weakens, while I strengthens the statement

C. Both I and II weaken the statement ✓

D. Both I and II strengthen the statement

**Q28** General Intelligence and Reasoning

If 8 March 2009 is a Sunday, then what will be the day of the week on 1 February 2021?

A. Sunday

B. Tuesday

C. Monday ✓

D. Saturday

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**Q29** General Intelligence and Reasoning

In a class Pallavi's rank is 25th from the top and 18th from the bottom. Find the number of students in the class?

A. 41

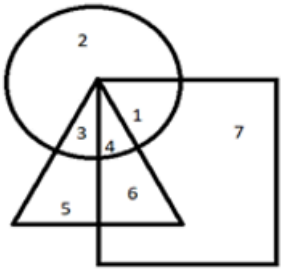
B. 42 ✓

C. 43

D. 44

**Q30** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. 'Managers' are represented by the circle, 'B. Tech degree holders' are represented by the square, and 'MBA degree holders' are represented by the triangle. How many managers are there who are B. Tech degree holders but not MBA degree holders?




A. 6

B. 1 ✓

C. 5

D. 2

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**Q1** General Intelligence and Reasoning

Study the following arrangement and answer the question given below. All numbers given below are 2 digit numbers.

18 @ 61 # 22 63 76 $ 42 48 % 29 94 Ø 56 27 75

If all the symbols are dropped from the series, what will be the product of the numbers which are third from the right end and fourth from the left end?

A. 3528 ✓

B. 3498

C. 3696

D. 3575

**Q2** General Intelligence and Reasoning

The given statements are followed by three conclusions. Find out which conclusion is true based on the given statements.

**Statements:**

$A = B \geq C = D, E > F \geq G = D$

**Conclusions:**

I. $E > C$

II. $A \geq G$

III. $E \geq B$

A. Only conclusion I is true

B. Only conclusion II is true

C. Only conclusion III is true

D. Only conclusions I and II are true ✓

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**Q3** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$\left(\sqrt{785}+72\div 4\times 3-\sqrt{120}\right)\times 2=?$$

A. 180

B. 124

C. 142 ✓

D. 200

**Q4** General Intelligence and Reasoning

Select the correct conclusion that can be drawn from the given statements.

**Statements:**

1. $C > A \geq D > Z$
2. $Z = V \leq K$

A. $C > V$ ✓

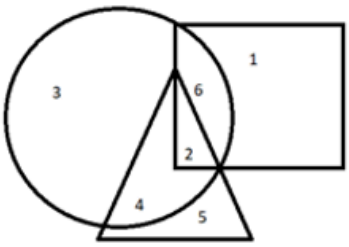
B. $K > A$

C. $K > D$

D. $C = D$

**Q5** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'teachers', the square represents 'men', and the triangle represents 'post graduates'. How many men are there who are NEITHER teachers NOR post graduates?




A. 4

B. 3

C. 2

D. 1 ✓

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**Q6** General Intelligence and Reasoning

Vaani walks to her office from her home. After starting from home, while walking to office, she turned right twice and then left before reaching the office. If Vaani is facing South when she reaches her office, which direction was she facing when she started from her home?

A. East ✓

B. West

C. North

D. South

**Q7** General Intelligence and Reasoning

30 cricketers are standing in a straight row facing the north. Amar is standing $10^{th}$ from the right end while Dinesh is standing $5^{th}$ from the left end. How many cricketers are standing between Amar and Dinesh?

A. 16

B. 15 ✓

C. 18

D. 17

**Q8** General Intelligence and Reasoning

Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

The monsoon season influences the lives of Mumbai people in many ways.

Arguments:

I. Water logging is a common issue in Mumbai during the monsoon.
II. Generally people enjoy the monsoon season in Mumbai.

A. I weakens while II strengthens the statement.

B. II weakens while I strengthens the statement.

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement. ✓

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**Q9** General Intelligence and Reasoning

Study the following table carefully and answer the questions based on it.

Number of visitors who visit different tourist places in different months in the same year are given in the following table.

| Months | Visitors | | | | | Total |
|---|---|---|---|---|---|---|
| | Tourist Place A | Tourist Place B | Tourist Place C | Tourist Place D | Tourist Place E | |
| September | 200 | 70 | 30 | 290 | 10 | 600 |
| October | 120 | 130 | 70 | 150 | 290 | 760 |
| November | 45 | 35 | 25 | 125 | 160 | 390 |
| December | 160 | 110 | 40 | 115 | 130 | 555 |
| January | 80 | 90 | 70 | 100 | 140 | 480 |
| February | 130 | 150 | 30 | 40 | 390 | 740 |

What is the difference in the number of visitors to the place A between the months of December and January?

A. 85

B. 75

C. 80 ✓

D. 70

**Q10** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word 'MARGINS' is arranged in alphabetical order?

A. None

B. One ✓

C. Two

D. Three

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**Q11** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some journals are novels.

Some novels are broachers.

All broachers are charts.

**Conclusions:**

I. Some charts are novels.

II. Some broachers are journals.

A. Only conclusion I follows. ✓

B. Only conclusion II follows.

C. Neither conclusion I nor II follows.

D. Both conclusions I and II follow.

**Q12** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

EXA : HSH :: LWQ : ORX :: KNO : ?

A. MIV

B. MIW

C. NHW

D. NIV ✓

**Q13** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

7 : 345 :: 8 : 514 :: 2 : ?

A. 110

B. 10 ✓

C. 8

D. 115

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**Q14** General Intelligence and Reasoning

In a certain code language, 'GRAND' is written as 'IVGVN' and 'NIGHT' is written as 'PMMPD'. How will 'MAGIC' be written in that language?

A. OBMRS

B. OEMQM ✓

C. SDOFI

D. DFONR

**Q15** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

2187, 729, 243, ?, 27

A. 143

B. 81 ✓

C. 51

D. 113

**Q16** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(7, 5, 16807)

(8, 4, 4096)

A. (10, 3, 100)

B. (8, 6, 3456)

C. (12, 3, 1728) ✓

D. (3, 4, 21)

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**Q17** General Intelligence and Reasoning

Three statements are given, followed by three conclusions I, II and III. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Choose which of the given conclusions logically follow/s from the given statements.

**Statements:**

All covers are jars.

No funnel is a jar.

Some wells are funnels.

**Conclusions:**

I. Some wells are covers.

II. Some wells are jars.

III. No funnel is a cover.

A. Only conclusions I and II follow.

B. Only conclusions II and III follow.

C. All the conclusions follow.

D. Only conclusion III follows. ✓

**Q18** General Intelligence and Reasoning

Six friends B, D, F, H, J and L are sitting around a circular table facing the center (but not necessarily in the same order). F is the immediate neighbor of D and J. L is sitting to the immediate left of B. H is the immediate neighbour of D and L. Who is sitting to the immediate left of J?

A. L

B. B ✓

C. F

D. H

**Q19** General Intelligence and Reasoning

Each vowel in the word KETCHUP is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter, thus formed, is arranged in alphabetical order, which letter will be third from the right?

A. J

B. O ✓

C. F

D. S

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**Q20** General Intelligence and Reasoning

In a certain code language, 'BUS' is written as 'ACTVRT' and 'CAT' is written as 'BDZBSU'. How will 'PUT' be written in that language?

A. OQTVSU ✓

B. SUTVOQ

C. TVSUQO

D. VSTOQU

**Q21** General Intelligence and Reasoning

Five friends P, M, Q, S and J have their shops in the same market. P's shop is to the north of M's shop, which is to the west of Q's shop, which is to the west of S's shop. S has his shop to the north of J's shop. Because of some reasons, M and J have exchanged their shops. What is the direction of J's Shop with respect to P's shop now ?

A. South ✓

B. West

C. East

D. South-East

**Q22** General Intelligence and Reasoning

Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

DOG 8, ITL 13, NYQ 18, SDV 23, ?

A. YMF 30

B. XIB 28

C. XIA 28 ✓

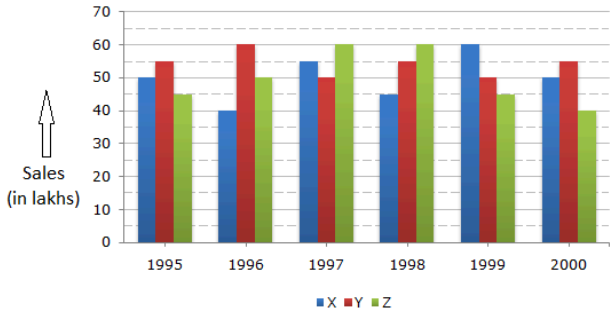
D. ZJD 25

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**Q23** General Intelligence and Reasoning

The sales of three companies X, Y and Z in different years are shown in the following graph. Study the graph and answer the question.




Which company has the highest total sales for the period from year 1996 to 1998? By what percentage is the sales of company Z more than company Y in the year 1997?

A. Y, 20%

B. Z, 20% ✓

C. Y, 10%

D. Z, 10%

**Q24** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

256, 256, 243, 230, 230, 217, 204, ?

A. 209

B. 197

C. 226

D. 204 ✓

**Q25** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$239.99 \times 20.01 - 99.99 \times 30.01 = ?$

A. 1800 ✓

B. 1805

C. 1810

D. 1815

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**Q26** General Intelligence and Reasoning

How many such pairs of letters are there in the word LIBRARY (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabet?

A. Three

B. One

C. None ✓

D. Two

**Q27** General Intelligence and Reasoning

Five persons, Pravalika, Roshan, Tarak, Vitika and Yadhu, live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 5. Vitika lives on the floor immediately below Yadhu. Pravalika lives on the floor immediately above Tarak. Roshan lives on the floor immediately above Pravalika. Yadhu lives on the floor immediately below Tarak.

Who lives on the third floor?

A. Roshan

B. Pravalika

C. Tarak ✓

D. Yadhu

**Q28** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation, if ' + ' and ' – ' are interchanged and also ' × ' and ' ÷ ' are interchanged?

$16 \div 3 - 12 \times 4 \div 18 \times 3 - 7 = ?$

A. 71

B. 72

C. 73 ✓

D. 74

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**Q29** General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table (but not necessarily in the same order). Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. A is not sitting at any of the corners and is second to the right of H. G is sitting at one of the corners and is sitting fourth to the left to C. E and B are the immediate neighbours of C. F is sitting at one of the corners and is to the immediate left of B.

Who among the following are the immediate neighbours of H?

A. D and G ✓

B. F and G

C. C and F

D. D and B

**Q30** General Intelligence and Reasoning

All 25 students of a class are standing in a straight row facing north. Amit is $10^{th}$ from the right end, while Madhu is $18^{th}$ from the left end. How many students are standing between Amit and Madhu?

A. 3

B. 4

C. 2

D. 1 ✓

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**General Intelligence and Reasoning** 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Pinto went 12 km to the south from his house, then he turned east and covered 8 km, then he turned north and covered 6 km. Finally turning to the west, he covered 13 km. In which direction is he from his house?
(All turns are 90 degree turns only)

A. South
B. South-east
C. South-west ✓
D. North

**Q2** General Intelligence and Reasoning

Each vowel in the word SANITY is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter, thus formed, is arranged in alphabetical order, which letter will be fourth from the left?

A. X
B. J
C. R ✓
D. S

**Q3** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

LINE : MHOD
GOAT : HNBS

A. PAIR : QZJQ ✓
B. CLUE : DKVF
C. TRIP : USJO
D. JSQB : IPPA

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**Q4** General Intelligence and Reasoning

Five boxes A, B, C, D and E are kept one over the other but not necessarily in the same order. D is kept third from the bottom. Only one box is kept between D and C. There are only three boxes between B and C. E is placed immediately above C. How many boxes are placed between A and B?

A. 1

B. 2

C. 0 ✓

D. 3

**Q5** General Intelligence and Reasoning

How many such pairs of letters are there in the word ABSENT (in both forward and backward directions) which have as many letters between them as there are in the English alphabetical order?

A. None

B. One ✓

C. Two

D. Three

**Q6** General Intelligence and Reasoning

If in each of the following words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have NO vowel?

1) BOOK

2) PAPER

3) BOAT

4) PINK

A. One

B. Two ✓

C. Three

D. Four

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**Q7** General Intelligence and Reasoning

Five people, Zunaid, Riya, Hema, Indu and Jagan, are sitting around a circular table facing the centre (but not necessarily in the same order). Zunaid is sitting second to the left of Indu. Hema is sitting second to the right of Riya. Jagan is not an immediate neighbour of Zunaid.

Who is sitting third to the right of Riya?

A. Indu ✓

B. Jagan

C. Hema

D. Zunaid

**Q8** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

10 : 21 :: 11 : 23 :: 12 : ?

A. 23

B. 24

C. 25 ✓

D. 26

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**Q9** General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

**Statements:**

All pens are pencils.

No pencil is a cutter.

All cutters are rubbers.

**Conclusions:**

1. All rubbers are pencils.
2. No pen is a cutter.

A. Only conclusion 1 follows.

B. Only conclusion 2 follows. ✓

C. Both conclusions 1 and 2 follow.

D. Neither 1 nor 2 is follows.

**Q10** General Intelligence and Reasoning

The following table shows the population (in lakhs) of four cities (A, B, C and D) over the past four years. Study the table and answer the question.

| City's Name | 2018-19 (In lakhs) | 2020-21 (In lakhs) |
|---|---|---|
| A | 78 | 92 |
| B | 61 | 84 |
| C | 71 | 92 |
| D | 72 | 95 |

Which city has registered the highest percentage of population growth from 2018-2019 to 2020-2021?

A. A

B. B ✓

C. C

D. D

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**Q11** General Intelligence and Reasoning

If '÷' and '−' are interchanged, what will be the value of the given expression?

$18 - 6 + 14 \times 10 \div 5$

A. 96

B. 120

C. 138 ✓

D. 148

**Q12** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$104.96 + 120.96 + 103.16 - 12.89 \times 2.04 + 124.93 \div 5.1 = ?$

A. 328 ✓

B. 330

C. 334

D. 340

**Q13** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

78, 32, 68, 64, 58, 128, 48, 256, ?

A. 24

B. 34

C. 38 ✓

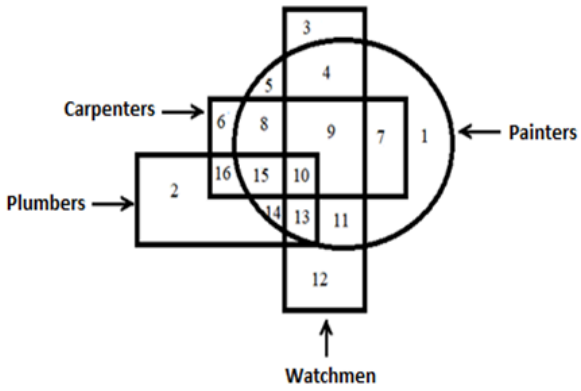
D. 28

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**Q14** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. What does region '13' represent?




A. The number of painters who are only watchmen.

B. The number of painters who are plumbers and also watchmen but not carpenters. ✓

C. The number of carpenters who are only watchmen.

D. The numbers of painters who are only plumbers and neither watchmen nor carpenters.

**Q15** General Intelligence and Reasoning

If all the letters in each of the following words are written in reverse order and the newly formed words/clusters are arranged as per the dictionary arrangements, which of the following word/cluster will appear in the middle?

LOST, TALK, WALK, KALM, SHAW

A. KALM ✓

B. WALK

C. SHAW

D. LOST

**Q16** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

20, 20, 22, 66, 70, ?

A. 74

B. 350 ✓

C. 75

D. 340

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**Q17** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(63, 72)

(28, 32)

A. (56, 63)

B. (64, 56)

C. (42, 48) ✓

D. (40, 48)

**Q18** General Intelligence and Reasoning

A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

Statement:
Due to the ongoing roadwork, all traffic on road X is being diverted to the airport road.

Assumptions:

I. There are huge traffic jams leading to the airport.

II. Flights are being rescheduled as people cannot make it to the airport on time.

A. Only assumption I is implicit

B. Only assumption II is implicit

C. Neither assumptions I nor II is implicit ✓

D. Both assumptions I and II are implicit

**Q19** General Intelligence and Reasoning

From a point O, Mohita started walking and covered a distance of 30 m in the west direction. She then turned to her left and covered a distance of 15 m. She then took a left turn and travelled a distance of 10 m. Finally, she turned to the left and covered a distance of 15 m. How far and in which direction is she now from the starting point O? (All turns are 90 degree turns only)

A. 10 m, East

B. 20 m, North

C. 10 m, South

D. 20 m, West ✓

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**Q20** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

$A \geq B, C \leq D, B = D > E$

A. $E < A$ ✓

B. $B < C$

C. $D \geq A$

D. $E > B$

**Q21** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

S X _ A B S _ Y B B S X Y _ B S X _ D B

A. YXCY ✓

B. XCYC

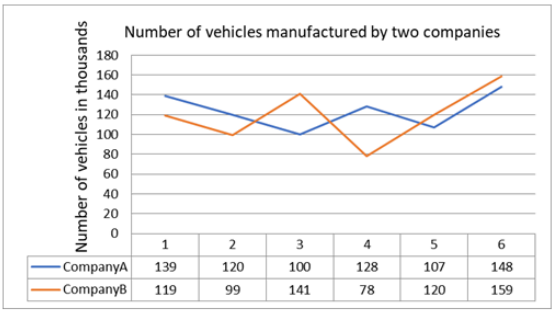
C. XCCY

D. CXYX

**Q22** General Intelligence and Reasoning

Study the given chart and answer the question that follows.

The numbers 1 to 6 represent the years from 2001 to 2006.




| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| CompanyA | 139 | 120 | 100 | 128 | 107 | 148 |
| CompanyB | 119 | 99 | 141 | 78 | 120 | 159 |

What is the average number of vehicles (approx.) manufactured by company B over the given period?

A. 1,11,223

B. 1,22,778

C. 1,19,333 ✓

D. 1,23,666

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**Q23** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ Symbol | 6 | 8 | 4 | + | 5 | # | % | 2 | $ | 1 | ^ | 7 | 9 | * | @ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | S | U | T | W | N | P | V | D | A | Z | J | M | O | M | Y |

**Conditions:**

(i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.

(ii) If the first element is a symbol, then the first element will be coded as ©.

(iii) If both the first and second elements are numbers, then the third element will be coded as *.

What will be the code for the following?

1 2 ^ % @

A. ZD*VY ✓

B. ZDJVY

C. VYJZD

D. ZDYVJ

**Q24** General Intelligence and Reasoning

Each of the six students of class XII, Q, R, U, V, Y and Z, has an online medical entrance exam on a different day of a week, starting from Tuesday and ending on Sunday of the same week, but not necessarily in the same order. None of them have the exam before U. Y has the exam immediately after U. V has the exam on Saturday and Z has the exam immediately before V. Q does not have the exam on Sunday.

Who among the following has the exam on Thursday?

A. Z

B. Q ✓

C. R

D. Y

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**Q25** General Intelligence and Reasoning

If

'+' means '×',

'–' means '÷',

'×' means '–' and

'÷' means '+',

then which number will replace the question mark (?) in the following expression?

$11 + 35 - 5 \times 8 \div 3 = ?$

A. 32.6

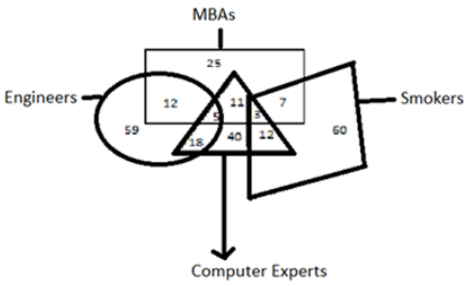
B. 72 ✓

C. −72

D. −32.6

**Q26** General Intelligence and Reasoning

Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of employees.




How many employees with MBA degrees are computer experts but are NOT engineers and also don't smoke?

A. 5

B. 3

C. 11 ✓

D. 12

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**Q27** General Intelligence and Reasoning

A statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$G > A \geq B \geq C > D \leq E \leq F$

**Conclusions:**

I. $A > E$

II. $B \leq F$

A. Only conclusion I is true

B. Only conclusion II is true

C. Neither conclusion I nor II is true ✓

D. Both conclusions I and II are true

**Q28** General Intelligence and Reasoning

Five students A, B, C, D and E are sitting around a circular table facing the centre (but not necessarily in the same order). A is an immediate neighbour of both B and E. C is sitting to the immediate right of D. B is sitting to the immediate right of C. Who is an immediate neighbour of C and E?

A. E

B. B

C. A

D. D ✓

**Q29** General Intelligence and Reasoning

Five laptop boxes marked with Z, X, W, V and U are kept one above the other but not necessarily in the same order. W is kept immediately above V. U is kept third from the top. W is neither the topmost nor the bottom most box. Z is kept immediately below X. Which box is kept immediately below Z?

A. X

B. U ✓

C. W

D. V

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## Q30 General Intelligence and Reasoning

In a code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

| Number/ Symbol | 6 | ^ | 8 | @ | 4 | # | 9 | $ | 1 | & | 3 | * |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | T | D | C | R | G | B | Y | H | N | J | P | L |

**Conditions:**

1. If the first element is an even number and the last an odd number the codes for these two (the first and the last elements) are to be interchanged.
2. If both the second and third elements are odd numbers, the third element is to be coded as the code for the second element.
3. If the first element is a number and the last a symbol, the first and last elements are to be coded as ©.

What will be the code for 913@#4 ?

A. YNPRBG

B. YPPRBG

C. YPNRBG

D. YNNRBG ✓

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
1. All mirrors are cupboards.
2. Some beds are almirahs.
3. Some almirahs are mirrors.

Conclusions:
I-Some beds are cupboards.
II-Some cupboards are almirahs.

A. Only conclusion I follows.

B. Only conclusion II follows. ✓

C. Both conclusions I and II follow.

D. Neither conclusion I nor II follows.

**Q2** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

13 : 179 :: 19 : 371 :: 26 : ?

A. 726

B. 686 ✓

C. 530

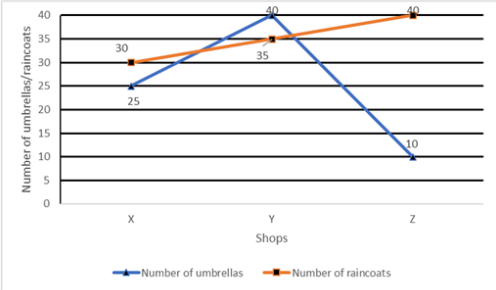
D. 734

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## Q3 General Intelligence and Reasoning

Study the given line graph and answer the following question.

The given line graph depicts the number of umbrellas and raincoats sold by shops X, Y and Z.




What is the respective ratio between the number of umbrellas sold by shop X and the total number of raincoats sold by shops Y and Z?

A. 2 : 5

B. 2 : 3

C. 1 : 5

D. 1 : 3 ✓

## Q4 General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

1, 1, 2, 4, 3, 27, 4, 256, 5, ?

A. 125

B. 625

C. 3125 ✓

D. 15625

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**Q5** General Intelligence and Reasoning

Study the given table and answer the question that follows.

The table shows the total income in ₹ and expenditure of five different families under different heads as a percentage of the total income.

| Family | Total Income (in ₹) | Daily Usage | Health Care | Medical | Other Expenses |
|---|---|---|---|---|---|
| A | 50,000 | 15% | 18% | 10% | 7% |
| B | 65,000 | 20% | 14% | 8% | 8% |
| C | 33,000 | 18% | 20% | 8% | 14% |
| D | 55,000 | 25% | 10% | 11% | 4% |
| E | 90,000 | 30% | 20% | 12% | 8% |

Find the total amount of saving (in ₹) of all the families combined.

Savings = Total Income – Sum of all expenditures

A. 1,00,300

B. 1,25,200 ✓

C. 1,19,700

D. 1,76,200

**Q6** General Intelligence and Reasoning

Mohit starts from a point X and travels 2 km towards the north and takes a right turn and further travels 1 km. He then turns to the right and travels a distance of 3 km. He then takes a right turn and travels a distance of 1 km, and finally turns to the right again and travels a distance of 1 km. What is the present location of Mohit in respect of his point of initiation of travel, X? (All turns are 90 degree turns only)

A. 1 km south

B. 1 km north

C. Point X itself ✓

D. 1 km east

**Q7** General Intelligence and Reasoning

What approximate value should come in place of the question mark (?) in the following equation?

$15.09 - 8.99 + 26.02 \times 6.99 = ?$

A. 186

B. 187

C. 188 ✓

D. 190

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**Q8** General Intelligence and Reasoning

Study the given letter, number, symbol series and answer the question that follows.

(Left) A 9 % B @ 6 & L # K 9 @ 7 # 6 K M * 7 & B (Right)

How many such letters are there that are immediately preceded by a symbol and also immediately followed by a number?

A. 1 ✓

B. 4

C. 5

D. 2

**Q9** General Intelligence and Reasoning

Each vowel in the word PRISON is changed to the letter preceding it in the English alphabetical order and each consonant is changed to the letter following it in the English alphabetical order. Which of the following letters will be fourth from the right in the group of letters thus formed?

A. Q

B. H ✓

C. N

D. T

**Q10** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

2 : 7 :: 8 : 13 :: 16 : ?

A. 19

B. 20

C. 21 ✓

D. 22

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**Q11** General Intelligence and Reasoning

If in each of the following words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have NO vowel?

1) TOGETHER
2) BOXES
3) SPORTS
4) DRINK

A. One ✓
B. Two
C. Three
D. Four

**Q12** General Intelligence and Reasoning

Select the option that is related to the fifth term in the same way as the fourth term is related to the third term and the second term is related to the first term.

MOTHER : OMHTRE :: DAUGHTER : ADGUTHRE :: SIBLINGS : ?

A. SGNILBIS
B. BISNILSG
C. LBISSGNI
D. ISLBNISG ✓

**Q13** General Intelligence and Reasoning

In a certain code language, 'DTHKM ' is written as 'EVKOR' and ‘WHITE’ is written as ‘XJLXJ’. How will 'GREEN' be written in that language?

A. HTHHS
B. HTHIS ✓
C. HTIHS
D. HTHHT

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**Q14** General Intelligence and Reasoning HINDI - no English version saved

एक कथन और उसके बाद दो निष्कर्ष I और II दिए गए हैं। कथन में दी गई जानकारी को सत्य मानते हुए विचार करें, भले ही वह सामान्यतः ज्ञात तथ्यों से भिन्न प्रतीत होती हो, और बताएं कि दिए गए निष्कर्षों में से कौन से, निसंदेह कथन का तार्किक रूप से पालन करते हैं?

**कथन:**

सागर ने अपने घर की बिजली की बत्तियां बुझाने हेतु गीले हाथों का उपयोग किया, जिसकी वजह से उसे झटका लगा।

**निष्कर्ष:**

I. घर में मौजूद बिजली के सभी तार बदलने की आवश्यकता है।

II. कभी भी बिजली के किसी भी उपकरण को गीले हाथों से स्पर्श न करें।

A. केवल निष्कर्ष I पालन करता है

B. केवल निष्कर्ष II पालन करता है ✓

C. न तो निष्कर्ष I और न ही II पालन करता है

D. निष्कर्ष I और II दोनों पालन करते हैं

**Q15** General Intelligence and Reasoning

Six national mathematics lectures are planned on the eve of Mathematics Day in six cities - Madurai, Dwaraka, Kakinada, Chandigarh, Lucknow and Bilaspur - on different months between July to December in the same year (but not necessarily in the same order). Only the Dwaraka lecture is planned between the Chandigarh and Bilaspur lectures. The Chandigarh lecture is in October. Only two lectures are planned before the Kakinada lecture. The Madurai lecture is immediately after the Lucknow lecture.

Which city has the last lecture in the year?

A. Bilaspur ✓

B. Chandigarh

C. Kakinada

D. Madurai

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**Q16** General Intelligence and Reasoning

In the following question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

Statement: $Q > S < R > T = U \leq V$

Conclusions: I. $T = V$

II. $R > U$

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true

**Q17** General Intelligence and Reasoning

Study the given letter, number, symbol series and answer the question that follows.

(Left) T 2 L % 4 M 2 # B N @ 8 K # B 6 L * 3 P (Right)

How many such numbers are there that are immediately preceded by a symbol and also immediately followed by a letter?

A. 4

B. 2

C. 1

D. 3 ✓

**Q18** General Intelligence and Reasoning

Amongst six people, D, E, F, G, H, and I, each has a different age. They are standing in a line according to their age in an increasing order. F is older than E but younger than D. D is younger than I. E is older than G. G is older than H. Who comes in $4^{th}$ position in increasing order of age ?

A. I

B. E

C. F ✓

D. H

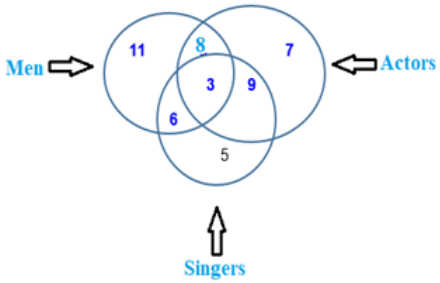
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**Q19** General Intelligence and Reasoning

Study the given diagram carefully and answer the question that follows.

The numbers in different sections indicate the number of people.




How many Men are Actors but NOT Singers?

A. 8 ✓

B. 11

C. 3

D. 26

**Q20** General Intelligence and Reasoning

Seven students, A, B, C, D, E, F, and G, have exams on different days of a week starting from Monday and ending on Sunday of the same week. The exam of C is on Sunday and that of F is on Monday. The exam of G is on Tuesday. The exam of B is on the immediate next day of the exam of G. The exam of E is immediately after A. The exam of A is on Thursday. On which of the days will D have his exam?

A. Tuesday

B. Friday

C. Saturday ✓

D. Thursday

**Q21** General Intelligence and Reasoning

Ram walks 40 m towards east and then turns left and walks 56 m. From that point, he starts walking towards the west and walks 20 m. After taking a left turn, he walks 50 m and then takes a right turn and walks 20 m. How far and in which direction is Ram's current position from his starting point? (All turns are 90 degree turns only.)

A. 50 m, West

B. 56 m, North

C. 4 m, South

D. 6 m, North ✓

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**Q22** General Intelligence and Reasoning

In a certain code language, 'BULK' is written as 'CWOO' and 'PINK' is written as 'QKQO'. How will 'BLUE' be written in that language?

A. CMXI

B. CNWI

C. CNXJ

D. CNXI ✓

**Q23** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

10, 21, 38, 62, 94, ?

A. 72

B. 104

C. 155

D. 135 ✓

**Q24** General Intelligence and Reasoning

What will come in the place of '?' in the following equation, if '+' and ' – ' are interchanged and also '×' and '÷' are interchanged?

60 - 72 × 6 + 15 ÷ 3 = ?

A. 25

B. 27 ✓

C. 32

D. 64

**Q25** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

15.99 – 4.02 + 19.89 × 5.19 = ?

A. 112 ✓

B. 75

C. 222

D. 50

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**Q26** General Intelligence and Reasoning

Eight students, P, Q, R, S, T, U, V and W, are sitting around a square table facing the centre of the table (but not necessarily in the same order). Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. S is sitting to the immediate left of U. R is sitting fourth to the right of S. Q is an immediate neighbour of R and V, who is sitting third to the left of T. W is sitting second to the right of T.

Who is an immediate neighbour of T and W?

A. R

B. P ✓

C. Q

D. S

**Q27** General Intelligence and Reasoning

Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
All jewelleries are ornaments.
Some flowers are ornaments.
All plants are flowers.

Conclusions:
I. All plants are jewelleries.
II. Some ornaments are jewelleries.
III. Some flowers are plants.

A. Only conclusions I and II follow

B. Only conclusions I and III follow

C. Only conclusions II and III follow ✓

D. Only conclusion III follows

**Q28** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

VZL15, TXJ18, RVH21, PTF24, ?

A. NRD27 ✓

B. RND27

C. DRN27

D. LMN27

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**Q29** General Intelligence and Reasoning

A certain number of anchors are sitting in a row in an audio launching programme, facing north. Archana sits fourth to the left of Chitra and seventh to the left of Bhumika. Bhumika sits fifth to the left of Darani. There is only one anchor between Darani and Esha. No anchor sits to the right of Esha. If no other anchor is sitting in the row, what is the total number of anchors seated?

A. 13

B. 12

C. 11

D. 15 ✓

**Q30** General Intelligence and Reasoning

Eight girls, Ponti, Boby, Anshu, Renu, Mohini, Sujata, Rani and Mohita, are sitting around a square table facing the centre of the table (but not necessarily in the same order). Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. Ponti is sitting sixth to the left of the Boby, who is sitting third to the right of Sujata. Mohini is sitting second to the left of Sujata. Rani is an immediate neighbour of Ponti and Boby. Anshu is sitting to the immediate left of Sujata, who is to the immediate left of Renu.

Who is sitting to the immediate right of Rani?

A. Ponti ✓

B. Boby

C. Anshu

D. Mohita

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**Q1** General Intelligence and Reasoning

Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $S = M > Z > X, A > B = M$

A. $X < A$ ✓

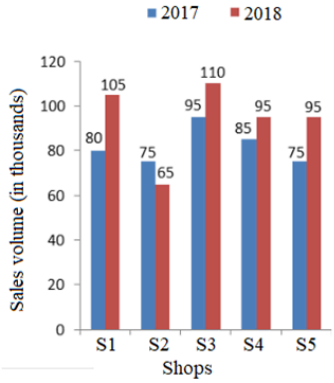
B. $Z > A$

C. $S > A$

D. $B < Z$

**Q2** General Intelligence and Reasoning

Study the graph and answer the question that follows. The following bar chart shows the sales volume of Philips bulbs (in thousand) from five different electric shops in a city during two years 2017 and 2018.




What is the average sales volume of Philips bulbs (in numbers) from all the shops for the year 2017?

A. 80000

B. 81000

C. 82000 ✓

D. 83000

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**Q3** General Intelligence and Reasoning

Refer to the following number and symbol series and answer the question.

Note: The numbers are to be considered as a whole and should not be split into its constituent digits.

+ 25 @ 36 # 29 37 % 14 − 7

How many symbols have a prime number as an immediate neighbour on either of its sides?

A. 1

B. 2

C. 3 ✓

D. 4

**Q4** General Intelligence and Reasoning

How many such pairs of letters are there in the word DANCER (in both forward and backward directions) which have as many letters between them as there are in the English alphabetical order?

A. None

B. One ✓

C. Two

D. Three

**Q5** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

28, 42, 59, 81, 110, ?, 197

A. 148 ✓

B. 159

C. 153

D. 163

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**Q6** General Intelligence and Reasoning

In a certain code language, ' SCOPE ' is written as 'JZNMX' and 'GAMUT' is written as 'VBPHI'. How will 'RANGE' be written in that language?

A. KBOVW

B. KBOVX ✓

C. LBOVX

D. KBPVX

**Q7** General Intelligence and Reasoning

Eight friends, Hari, Ganpati, Falak, Ekta, Janak, Rohit, Mangesh and Tony, are sitting around a round table, facing the centre of the table but not necessarily in the same order. Janak is sitting third to the right of Mangesh, who is not an immediate neighbour of either Falak or Tony. Falak is sitting second to the left of Tony, who is sitting third to the left of Hari. Ganpati is sitting fourth to the right of Tony. Ekta is sitting second to the left of Hari.

Who is second to the right of Janak?

A. Ekta

B. Falak

C. Rohit ✓

D. Tony

**Q8** General Intelligence and Reasoning

Eight people live on different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 8. Only 4 people live above Aditya. Anu lives on the sixth floor. Only two people live between Anu and Shubham. Ravi lives immediately above Deep. Diksha lives immediately below Sakshi. Sakshi lives on the topmost floor. On which floor does Deep live?

A. 1 ✓

B. 5

C. 2

D. 3

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**Q9** General Intelligence and Reasoning

Amongst six people, P, Q, R, S, T and U, each has a different weight. R is heavier than T. U is lighter than P. Q is lighter than T but heavier than S. S is heavier than P. Who is the heaviest amongst them?

A. T

B. Q

C. P

D. R ✓

**Q10** General Intelligence and Reasoning

Three statements are given, followed by four conclusions numbered I, II, III and IV. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

**Statements:**

Some cisterns are ponds.

All ponds are streets.

Some streets are cisterns.

**Conclusions:**

I. Some streets are ponds.

II. All cisterns are streets.

III. All ponds are cisterns.

IV. No street is a cistern.

A. Only conclusion I follows. ✓

B. Only conclusions II and III follow.

C. Only conclusions I and IV follow.

D. Only conclusion IV follows.

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**Q11** General Intelligence and Reasoning

A statement is given followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of the conclusions logically follow(s) beyond a reasonable doubt from the information given in the statement.

Statement:
Sale up to 70% on all clothing items in the store and online.

Conclusions:

I. All clothing items are 70% off during the sale period.

II. There are some clothing items that are not on sale.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows ✓

D. Both conclusions I and II follow

**Q12** General Intelligence and Reasoning

Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

56 : 8 :: 84 : 12 :: 42 : 6 :: 14 : ?

A. 7

B. 2 ✓

C. 98

D. 42

**Q13** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

L G _ A L L _ F B L _ G F _ L L G F _ L

A. FGLCD ✓

B. FLGDC

C. FCGLD

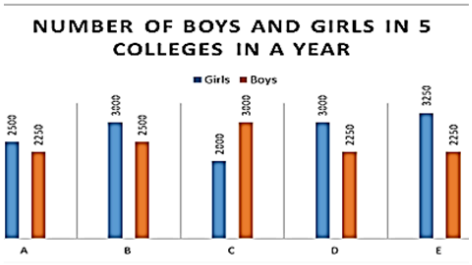
D. FFCCD

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**Q14** General Intelligence and Reasoning

Below bar graph is the representation of the number of boys and girls studying in 5 different colleges in a given year.
Study the bar graph and answer the questions.




The total number of girls studying in colleges D and E is what percentage of the total number of girls studying in colleges A, B and C?

A. 63.45%

B. 66.60%

C. 75 %

D. 83. 33 % ✓

**Q15** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

10, 121, 11, 144, 12, 169, 13, 196, 14, ?

A. 222

B. 223

C. 224

D. 225 ✓

**Q16** General Intelligence and Reasoning

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6513742678, how many digits will appear more than once in the new number thus formed?

A. Two

B. Four ✓

C. Five

D. Six

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**Q17** General Intelligence and Reasoning

Surya participated in a marathon. From starting point he ran 11 km towards West, turned right and ran for 12 km and turned right again and ran11 km and then turned right again and ran 9 km. How many kms he has to run now in order to reach the starting point from his present position to complete the marathon?

A. 2 km

B. 3 km ✓

C. 7 km

D. 14 km

**Q18** General Intelligence and Reasoning

Each of six teachers, J, K, L, M, N and O, have their classes on six different days of a week starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. Only two teachers have classes before M's class. J has the class on Tuesday, and O has the class on Saturday. Only one teacher has the class after the class of K. N's class is not between the classes of K and M. Who among the following has the class on Monday?

A. K

B. N ✓

C. M

D. L

**Q19** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

2 : 18 :: 4 : 74 :: 9 : ?

A. 517

B. 1005

C. 739 ✓

D. 348

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**Q20** General Intelligence and Reasoning

Six classmates, Kanti, Manoj, Suman, Divya, Anuj and Mohit, are sitting around a square table facing the centre of the table (but not necessarily in the same order). All classmates are sitting at the sides of the table, nobody is sitting at the corners. Kanti is sitting on a side alone. Manoj and Suman are sitting on the same side of the table. Mohit is sitting alone on the opposite side of Kanti. Divya is sitting to the immediate left of Mohit. Anuj and Divya are sitting on the same side of the table. Suman is sitting second to the right of Divya.

Who is sitting to the immediate right of Kanti?

A. Manoj

B. Mohit

C. Anuj ✓

D. Divya

**Q21** General Intelligence and Reasoning

If ' + ' means ' − ', ' − ' means ' × ', ' × ' means ' ÷ ', ' ÷ ' means ' + ', what will come in place of the question mark (?) in the following equation?

$88 \div 60 \times 15 - 7 + 10 \times 2 = ?$

A. 98

B. 101

C. 111 ✓

D. 99

**Q22** General Intelligence and Reasoning

Refer to the following letter-symbol series and answer the question that follows.

(Left) * V ! ^ C F A * B Y S & Y T G $ V # Y ! S C ^ A C $ Y N (Right)

From left how many such symbols are there that are immediately preceded by a symbol and immediately followed by a letter?

A. 1

B. 2 ✓

C. 3

D. 5

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**Q23** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

AOE : FUJ
RKT : WQY

A. JPM : OUS
B. CRU : HXY
C. QEI : VKN ✓
D. DPJ : JUP

**Q24** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide
which of the conclusions logically follow(s) from the statements.

Statements:
All gadgets are electronics.
Some electronics are wirelesses.
Some wirelesses are toys.

Conclusions:
I. Some gadgets are toys.

II. Some electronics are gadgets.

A. Only conclusion I follows
B. Only conclusion II follows ✓
C. Both conclusions I and II follow
D. Neither conclusion I nor II follows

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**Q25** General Intelligence and Reasoning

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some investors are urbans.

All stores are urbans.

Some cottages are stores.

**Conclusions:**

I. Some cottages are investors.

II. Some investors are stores.

III. Some cottages are urbans.

A. Only conclusion I follows.

B. Only conclusions II and III follow.

C. Only conclusion III follows. ✓

D. Only conclusions I and II follow.

**Q26** General Intelligence and Reasoning

Each vowel in the word LOCKER is changed to the letter preceding it in the English alphabetical order and each consonant is changed to the letter following it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

A. D ✓

B. L

C. M

D. S

**Q27** General Intelligence and Reasoning

Five friends named Kishore, Jayan, Lahari, Manyaki and Nalini live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor which is numbered 5. Kishore lives on odd numbered floor but not on third floor and Nalini lives on the bottommost floor. Manyaki and Jayan lives on even numbered floors but Manyaki doesn't lives above Jayan. Lahari lives on the floor immediately above Manyaki.

Who lives on the third floor?

A. Kishore

B. Jayan

C. Manyaki

D. Lahari ✓

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**Q28** General Intelligence and Reasoning

If the signs + and × are interchanged, and the numbers 3 and 7 are also interchanged, which of the following four equations given as options would be correct?

A. $14 + 3 \times 7 = 35$

B. $3 + 7 \times 9 = 30$ ✓

C. $13 + 7 \times 3 = 47$

D. $16 \times 3 + 7 = 39$

**Q29** General Intelligence and Reasoning

In a certain code language, 'MANNER' is written as 'OETVOD' and 'BEHAVE' is written as 'DINIFQ'. How will 'POLITE' be written in the same code language?

A. RSRQDQ ✓

B. RKFADQ

C. RSFQDQ

D. RKRQDQ

**Q30** General Intelligence and Reasoning

Jyoti covered a distance of 3 km in a particular direction and then turned to her right. She further travelled 1 km and thereafter she turned to the left and walked 5 km and then finally she turned to right and walked in the north direction. In which direction was she facing when she started her journey? (All turns are 90 degree turns only)

A. East

B. West ✓

C. North

D. South

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**General Intelligence and Reasoning** 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Study the given arrangement of numbers and answer the question that follows:

(LEFT) 2 8 3 6 0 8 1 5 3 7 3 4 9 6 2 4 3 2 5 6 4 0 7 (RIGHT)

Based on the arrangement given, Three of the following four groups of numbers (given in options) are alike in a certain way and so form a group. Which option does NOT belong to that group?

A. 462 ✓

B. 230

C. 746

D. 013

**Q2** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

Q_T_T_BT_TQB_RT

A. BRQRT ✓

B. BQRRT

C. BRRQT

D. BRTRQ

**Q3** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$?^2 + 53.99 = 206.01 \div 1.99$

A. 7 ✓

B. 5

C. 3

D. 13

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**Q4** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. Only one person is shorter than E. Only two people are taller than D. A is shorter than F but taller than C. F is not the tallest. Who is the shortest among all the friends?

A. C ✓

B. E

C. A

D. D

**Q5** General Intelligence and Reasoning

If the position of the digit '2' is interchanged with the position of the digit '4', and the position of the digit '5' is interchanged with the position of the digit '3', then what is the value of the given expression?

$47 + 56 \div 6 - 2 \times 3$

A. 3

B. 13 ✓

C. 7

D. 21

**Q6** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

2, 3, 6, 12, ?, 37, 58

A. 22 ✓

B. 24

C. 26

D. 20

**Q7** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

QJD : TMG
GMS : JPV

A. MYO : PQJ

B. RPH : USK ✓

C. AWL : ZDT

D. NIH : SXB

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**Q8** General Intelligence and Reasoning

Each vowel in the word KINDLE is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

A. J ✓

B. F

C. M

D. K

**Q9** General Intelligence and Reasoning

Eight friends are sitting around a square table facing the centre. Four of them are sitting at the corners and remaining four are sitting at the exact middle of the four sides. Aman is sitting fourth to the left of Priya. Lakshay is an immediate neighbour of both Priya and Sakshi. Utkarsh is sitting fourth to the left of Sakshi. Riddhi is sitting to the immediate right of Utkarsh. Priya is sitting to the immediate left of Vidhi. Vidhi is sitting fourth to the right of Tejaswi. Who is sitting to the immediate right of Aman?

A. Riddhi

B. Lakshay

C. Vidhi

D. Tejaswi ✓

**Q10** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

43 41 37 31 ? 23

A. 25

B. 27

C. 29 ✓

D. 21

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**Q11** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Picnics are Grasses.
All Grasses Are Rains.
Some Rains are Clouds.

**Conclusions:**
(I) Some Grasses are Clouds.
(II) All Picnics are Rains.

A. Only conclusion (I) follows.
B. Only conclusion (II) follows.
C. Both conclusions (I) and (II) follow.
D. Neither conclusion (I) nor (II) follows. ✓

**Q12** General Intelligence and Reasoning

Seven boxes, L, M, N, O, P, Q and E, are kept one above the other but not necessarily in the same order. L is fifth from the bottom in the stack. M is immediately above L. Only three boxes are there between O and L. Only two boxes are there between P and N. N is immediately above Q. P is at one of the positions above N. Which box is kept at the sixth position from bottom?

A. K
B. L
C. M ✓
D. N

**Q13** General Intelligence and Reasoning

In a certain code language, 'ARMOR' is written as 'CVOST' and 'GLAND' is written as 'IPCRF'. How will 'FARMS' be written in that language?

A. HDTPU
B. HEQTU
C. HETQU ✓
D. HFTRU

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**Q14** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor, which is numbered 6. Only two people live between A and F. Only three people live between B and C. C lives below B. E does not live below D. Only two people live below F. Who lives immediately above F?

A. A

B. D

C. E ✓

D. B

**Q15** General Intelligence and Reasoning

Madhav starts from Point A and drives 16 km towards the east. He then takes a right turn, drives 4 km, turns right and drives 12 km. He then takes a right turn and drives 11 km, takes a left turn and drives 4 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 7 km towards the south ✓

B. 12 km towards the west

C. 6 km towards the east

D. 8 km towards the south

**Q16** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) 2 & # 4 @ 3 Z 6 A # 5 % 3 * 6 # 9 (Right)

How many letters are there between the second element from the right end and the fifth element from the left end of the given series?

A. 2 ✓

B. 6

C. 4

D. 3

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**Q17** General Intelligence and Reasoning

M, N, O, P, Q and R live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
M lives two floors above R, on an odd-numbered floor. Q lives immediately below M. There are only two people living between O and Q. O is not living on the lowermost floor. If N lives immediately above M, then how many people live exactly between Q and P?

A. Two

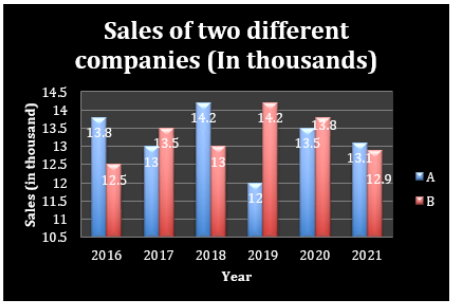
B. One

C. Four

D. Three ✓

**Q18** General Intelligence and Reasoning

The given bar graph shows the sales of bikes of two different companies in 6 different years. Study the graph and answer the question that follows.




The total bikes sold by company A in 2016 and 2020 together is approximately what percentage of the total bikes sold by both the companies in 2018?

A. 95%

B. 100% ✓

C. 105%

D. 110%

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**Q19** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some Buses are Vans.

All Vans are Trucks.

Some Buses are Cars.

**Conclusions:**

(I) Some Trucks are Buses.

(II) Some Cars are Trucks.

A. Only conclusion (I) follows. ✓

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

**Q20** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $P = Q \geq R \leq S > T < U$

Conclusions:

I. $Q > U$

II. $R \leq P$

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Both conclusions I and II are true

D. Neither conclusion I nor II is true

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**Q21** General Intelligence and Reasoning

Five friends A, B, C, D and E are seated around a round table facing the centre. B is an immediate neighbour of both D and E. A is an immediate neighbour of D. Which position of E is NOT possible?

A. Immediate neighbour of A ✓

B. 3rd to the left of D

C. 3rd to the right of A

D. To the immediate left of C

**Q22** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(7, 19, 40)
(12, 11, 47)

A. (9, 27, 72)

B. (15, 31, 48)

C. (14, 23, 74)

D. (16, 5, 53) ✓

**Q23** General Intelligence and Reasoning

Select the option in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(85,198,52)

(77,270,32)

A. (62,90,45)

B. (62,94,47)

C. (62,90,47) ✓

D. (61,90,47)

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**Q24** General Intelligence and Reasoning

Town P is west of town Q. Town P is south-west of town S. Town S is north of town Q. If town R is south-east of town Q and town M is east of town R, then what is the position of town P with respect to town M?

A. West

B. South-west

C. North-west ✓

D. South

**Q25** General Intelligence and Reasoning

This question consists of a statement followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement –

Segregation of garbage into wet and dry waste will help in recycling it

I. Wet waste can be converted to organic compost or biogas when managed the right

II. Recycled plastic can be remanufactured for a wide array of products including carpet, upcycled polyester for clothing, recycled plastic building materials

A. I weakens while II strengthens the statement

B. II weakens while I strengthens the statement

C. Both I and II weaken the statement

D. Both I and II strengthen the statement ✓

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**Q26** General Intelligence and Reasoning

The given table shows the expenditure (in millions) on different things of families living in 5 different cities. Study the table and answer the question that follows.

| City | Type of expenditure | | | | |
|---|---|---|---|---|---|
| | Food | Education | Loan | Travel | Entertainment |
| A | 10 | 20 | 17 | 9 | 15 |
| B | 12 | 18 | 10 | 7 | 17 |
| C | 18 | 23 | 23 | 11 | 20 |
| D | 13 | 27 | 14 | 5 | 23 |
| E | 21 | 13 | 25 | 20 | 14 |

The percentage of expenditure on travel with respect to that on food is the maximum in which city?

A. City A

B. City C

C. City D

D. City E ✓

**Q27** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
All Tables are Dinners.
Some Dinners are Plates.
All Plates are Bowls.

**Conclusions:**
(I) Some Tables are Plates.
(II) All Dinners are Bowls.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows. ✓

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**Q28** General Intelligence and Reasoning

Each of the digits in the number 36275918 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. 1

B. 2

C. 3

D. None ✓

**Q29** General Intelligence and Reasoning

If each of the letter of the letter cluster 'DEHRAZUN' is arranged in alphabetical order, how many vowels will be immediately preceded by a consonant in the newly formed letter cluster?

A. 3

B. 1

C. 0

D. 2 ✓

**Q30** General Intelligence and Reasoning

In a certain code language, 'SPACE' is written as 'QNDAH' and 'CRAFT' is written as 'APDDR'. How will 'SPEED' be written in the same code language?

A. QNCCB

B. QSHHB

C. QSHHG

D. QNHHB ✓

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**Q1** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Trees are Bushes.
All Bushes are Leaves.
Some Leaves are Green.

**Conclusions:**
(I) Some Bushes are Green.
(II) Some Trees are Leaves.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows. ✓

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

**Q2** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(10, 150, 3)
(8, 80, 2)

A. (10, 401, 9)

B. (12, 197, 4)

C. (18, 270, 3) ✓

D. (11, 188, 6)

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**Q3** General Intelligence and Reasoning

In a certain code language, 'TONE' is written as 'VPMC' and 'FIRE' is written as 'HJQC'. How will 'CITY' be written in that language?

A. EGRX

B. EJSW ✓

C. EIUZ

D. EHPU

**Q4** General Intelligence and Reasoning

K, L, M, N, O and P are six people sitting around a circular table facing the centre of the table at a wedding. K is the immediate neighbour of P and is seated second to the right of O. O is seated to the immediate left of M. N is an immediate neighbour of both P and L. Who is seated second to the right of L?

A. N

B. M ✓

C. P

D. O

**Q5** General Intelligence and Reasoning

If in each of the following words, each letter is changed to the previous letter in the English alphabetical order, how many words thus formed will have a vowel?

JUST, RIME, BEST, FAST, LOST, TIME

A. 1

B. 2

C. 3 ✓

D. 4

**Q6** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

5, 6, 14, 41, ?

A. 169

B. 105 ✓

C. 188

D. 95

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**Q7** General Intelligence and Reasoning

G, H, I, J, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. Only one person lives above G. Only two people live between G and K. Neither J nor H live on the lowermost floor. I does not live on an odd-numbered floor. J lives immediately above K and immediately below H. Who lives on floor number 4?

A. H ✓

B. J

C. K

D. L

**Q8** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

Few calciums are aldehydes

All aldehydes are rubidiums

All rubidiums are hydrogens

**Conclusions:**

(I) Some hydrogens are aldehydes

(II) Some rubidiums are aldehydes

(III) All aldehydes are hydrogens

A. Only conclusion I follows

B. Only conclusion II follows

C. Either conclusion I or III follows

D. All conclusions I, II and III follow ✓

**Q9** General Intelligence and Reasoning

Six friends M, N, O, P, Q and R have their tests on a different day of week starting from Monday and ending on Saturday of the same week. Only two friends are having their tests before M's test. Only four friends are having their tests after Q's test. Only O has the test between the tests of P and N. Who amongst the following has the test on Monday?

A. R ✓

B. O

C. P

D. N

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**Q10** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

50 42 34 26 ?

A. 16

B. 18 ✓

C. 14

D. 17

**Q11** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some Beaches are Sands.

Some Sands are Deserts.

All Beaches are Oceans.

**Conclusions:**

(I) Some Deserts are Beaches.

(II) Some Sands are Oceans.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows. ✓

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

**Q12** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement : $P \geq T = W > L < S \leq B$

A. $T > L$

B. $P \leq W$ ✓

C. $L < B$

D. $P > L$

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**Q13** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(13, 16, 21)
(28, 34, 45)

A. (37, 18, 46) ✓
B. (35, 12, 59)
C. (64, 26, 90)
D. (72, 45, 27)

**Q14** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. C is taller than only two other friends. D is shorter than only one friend. B is shorter than C but taller than E. A is shorter than F. Who is the second shortest among all the friends?

A. E
B. B ✓
C. A
D. F

**Q15** General Intelligence and Reasoning

Eight friends, A, B, C, D, E, F, G and H, are sitting around a circular table facing the centre (but not necessarily in the same order). Only D is sitting between A and E. E is sitting second to the right of F. Only B is sitting between C and G. Only F is sitting between G and H.

What is F's position with respect to D?

A. Third to the right
B. Third to the left ✓
C. To the immediate left
D. To the immediate right

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**Q16** General Intelligence and Reasoning

If '×' means '−', '+' means '÷', '−' means '+', and '÷' means '×', what will be the value of the following expression?

$[\{(12-2)\times(3\div 2)\}+(12\times 4)]$

A. 1 ✓

B. 2

C. 3

D. 4

**Q17** General Intelligence and Reasoning

In a particular language, AC is written as 13 and FG is written as 67. How will HI be written in that language?

A. 73

B. 75

C. 81

D. 89 ✓

**Q18** General Intelligence and Reasoning

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 2149763, which of the following digits will appear the most in the new number thus formed?

A. 3

B. 1 ✓

C. 9

D. 5

**Q19** General Intelligence and Reasoning

In a certain code language, 'HOTEL' is coded as 'DQPGH' and 'BANKS' is coded as 'XCJMO'. How will 'LOGIC' be coded in that language?

A. PMKGG

B. HQCKY ✓

C. PQKKG

D. HMCGY

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**Q20** General Intelligence and Reasoning

In which year can the calendar of the year 2024 be used again?

A. 2052 ✓

B. 2050

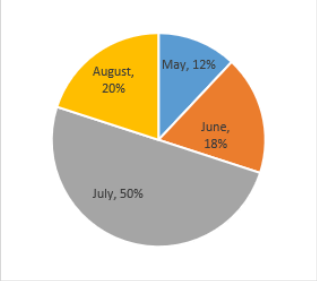
C. 2048

D. 2051

**Q21** General Intelligence and Reasoning

Study the given pie-chart and answer the question that follows.

The pie-chart depicts the percentage of passes issued in 4 months, out of the total number of passes issued (which is 50) in these 4 months together.




The number of passes issued to females in May and June was 3 and 5, respectively. What was the total number of passes issued to males in May and June together?

A. 7 ✓

B. 5

C. 6

D. 8

**Q22** General Intelligence and Reasoning

Suraj starts walking 9 m towards the east, then turns left. He walks 5 m, turns right and again walks 5 m. Then he turns right and walks 8 m. He then again turns right and walks 5 m. Again, he turns right and walks 3 m. Which direction is he facing now? (All turns are 90 degree turns only)

A. South

B. West

C. East

D. North ✓

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**Q23** General Intelligence and Reasoning

A certain number of people are sitting in a straight line facing north. T is sitting to the immediate left of S. Only two people are sitting to the left of P. Only two people are sitting between P and S. T is third to the left of the person sitting at the extreme right end. How many people are sitting in the row?

A. 6

B. 5

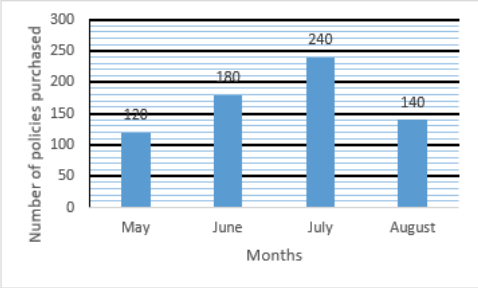
C. 7

D. 8 ✓

**Q24** General Intelligence and Reasoning

Study the given bar-graph and answer question that follows.

The bar-graph depicts the number of policies purchased in May, June, July and August.




The number of policies purchased in July increased by approximately what per cent as compared to June?

A. 66%

B. 33% ✓

C. 75%

D. 40%

**Q25** General Intelligence and Reasoning HINDI - no English version saved

निम्न संख्या और प्रतीक शृंखला के आधार पर पूछे गए प्रश्न का उत्तर दीजिए।

(बाएं) 4 * 2 % 3 + = 3 2 % 5 9 & 4 $ 7 5 & # * 8 5 @ 3 (दाएं)

ऐसे कितने प्रतीक हैं, जिनके ठीक पहले एक संख्या है और ठीक बाद एक संख्या भी है?

A. 5

B. 6 ✓

C. 7

D. 8

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**Q26** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of them logically follow(s) beyond a reasonable doubt from the information given in the statement.

Statement:
Before leaving for college, Sita is learning to cook basic meals from her mother.

Conclusions:
I. Sita didn't know how to cook.
II. Sita wants to throw a party for her friends before leaving for college.

A. Only conclusion I follows ✓
B. Only conclusion II follows
C. Neither conclusion I nor II follows
D. Both conclusions I and II follow

**Q27** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word 'EQUIVOCAL' is arranged in alphabetical order?

A. One
B. Two ✓
C. Three
D. Four

**Q28** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

L 16, M 20, O 24, R 28, V 32, ?

A. A 34
B. Z 36
C. A 36 ✓
D. Z 34

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**Q29** General Intelligence and Reasoning

Sohan is facing north-west. He turns 90° clockwise, then 360° anticlockwise and then 90° clockwise. In which direction is Sohan facing now?

A. North-east

B. South-east ✓

C. North-west

D. South-west

**Q30** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$12.01 \div 5.99 + 13.89 - 3.002 = ?$

A. 13 ✓

B. 9

C. 18

D. 24

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**General Intelligence and Reasoning** 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

In a class test, a certain number of students got different ranks based on their marks. Anshu is ranked $19^{th}$ from the top. 6 students are ranked after Anshu. How many total students gave the test?

A. 25 ✓

B. 37

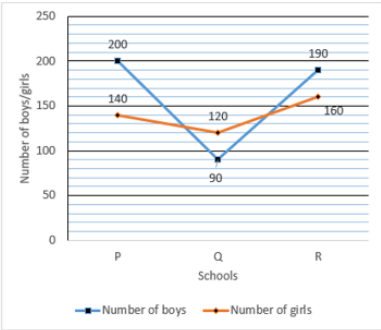
C. 26

D. 31

**Q2** General Intelligence and Reasoning

Study the given line graph and answer the following question.

The given line graph depicts the number of boys and girls in three schools (P, Q and R).




What is the average number of boys in the given three schools?

A. 170

B. 160 ✓

C. 150

D. 140

**Q3** General Intelligence and Reasoning

Study the given letter series and answer the question that follows.

(Left) H A D W V Q T S P E R S T K E L M T (Right)

How many such vowels are there each of which is immediately preceded by a consonant and also immediately followed by a consonant?

A. 4

B. 3 ✓

C. 2

D. 5

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**Q4** General Intelligence and Reasoning

In a certain code language, 'SOLVE' is coded as 'QRJYC' and 'FENCE' is coded as 'DHLFC'. How will 'TASTE' be coded in that language?

A. VXUQG

B. RXQQC

C. VDUWG

D. RDQWC ✓

**Q5** General Intelligence and Reasoning

Vaishnavi starts walking towards the south. She walks 10 m, turns right and walks 5 m. She then turns right and walks for 3 m. Next, she again turns right and walks 10 m. Again, she takes a right and walks 8 m. Finally, she again turns right and walks 6 m. In which direction is she facing now? (All turns are 90 degree turns only)

A. South

B. West ✓

C. East

D. North

**Q6** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/ Symbol | 6 | 8 | 4 | + | 5 | # | % | 2 | $ | 1 | ^ | 7 | 9 | * | @ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | S | U | T | W | N | P | V | D | A | Z | J | M | O | M | Y |

**Conditions:**

(i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.

(ii) If the first element is a symbol, then the first element will be coded as ©.

(iii) If both the first and second elements are numbers, then the third element will be coded as *.

What will be the code for the following?

5 6 * @ %

A. NS*YV ✓

B. YVMNS

C. NSMVY

D. VYSNM

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**Q7** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Rings are Ears.
Some Rings are Fingers.
All Ears are Noses.

**Conclusions:**
(I) All Rings are Noses.
(II) Some Fingers are Ears.

A. Only conclusion (I) follows.
B. Only conclusion (II) follows.
C. Both conclusions (I) and (II) follow.
D. Neither conclusion (I) nor (II) follows. ✓

**Q8** General Intelligence and Reasoning

If '−' means '×', '×' means '+', '+' means '÷', '÷' means '−', what will come in place of the question mark (?) in the following equation?

$5 - 5 \div 6 \times 6 + 3 = ?$

A. 21 ✓
B. 22
C. 32
D. 35

**Q9** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

Statement: $K \geq U = N > Q < R = T \leq P$

A. $K > Q$ ✓
B. $K = N$
C. $T < R$
D. $Q > U$

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**Q10** General Intelligence and Reasoning

How many 7s are there in the following sequence which is immediately followed by 1 and immediately preceded by 5 ?

2 7 3 5 7 1 5 7 3 5 7 1 9 7 3 5 7 1 7 3 6 5 7 1 8 1 4 7 3 5

A. Five

B. Four ✓

C. Three

D. Two

**Q11** General Intelligence and Reasoning

If '+' means '÷', '–' means '×', '×' means '+', and '÷' means '–', what will come in place of the question mark (?) in the following equation?

$45 + 9 - 4 \times 15 \div 2 = ?$

A. 30

B. 31

C. 32

D. 33 ✓

**Q12** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

NALAYAK : KAYALAN :: BEAUTY : YTUAEB :: POWERTY :?

A. TPWEROY

B. YRTEWOP

C. YTREWOP ✓

D. WOPREYT

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**Q13** General Intelligence and Reasoning

A statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$L > M \geq N > O = P \leq Q < R$

**Conclusions:**

I. $O < R$

II. $M > Q$

A. Only conclusion I is true ✓

B. Only conclusion II is true

C. Both conclusions I and II are true

D. Either conclusion I or II is true

**Q14** General Intelligence and Reasoning

G, H, I, J, K and L are six friends sitting around a circular table facing the centre of the table discussing the outcome of a cricket match. I is an immediate neighbour of both L and J. K is not the immediate neighbour of J. H is seated second to the left of L. Which of the following options represents I's position from G?

A. Second to the right.

B. Second to the left. ✓

C. Immediate right.

D. Third to the left.

**Q15** General Intelligence and Reasoning

Five boxes numbered 36, 74, 27, 51 and 92 are kept one above the other, not necessarily in the same order. Box 51 is on the topmost position. Only box 92 is between box 74 and box 36. Only one box is above box 27. Box 36 is not at the bottom most position. Which box is kept in the exact middle position?

A. Box 36 ✓

B. Box 74

C. Box 92

D. Box 27

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**Q16** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation, if ' + ' and ' – ' are interchanged and also ' × ' and ' ÷ ' are interchanged?

$15 \div 3 - 10 \times 2 \div 18 \times 6 - 4 = ?$

A. 60

B. 61

C. 62

D. 64 ✓

**Q17** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(13, 84, 8)
(21, 136, 13)

A. (27, 140, 8) ✓

B. (16, 23, 156)

C. (8, 71, 19)

D. (14, 56, 8)

**Q18** General Intelligence and Reasoning

Mani starts from Point A and drives 5 km towards the west. He then takes a right turn, drives 8 km, turns right and drives 13 km. He then takes a right turn and drives 19 km, takes a left turn and drives 4 km. He then takes left turn and drives 11 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 9 km towards the south

B. 12 km towards the west ✓

C. 6 km towards the east

D. 8 km towards the south

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**Q19** General Intelligence and Reasoning

Five girls, A, B, C, D, and E are sitting around a circular table facing the centre. E is the immediate neighbour of A and B. D is second to the right of E. C is an immediate neighbour of D and B. Where is A seated?

A. To the immediate left of E

B. Third to the right of D

C. Second to the right of B ✓

D. To the immediate left of C

**Q20** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All Pages are Books.

All Books are Catalogues.

Some Catalogues are Designs.

**Conclusions:**

(I) Some Books are Designs.

(II) All Pages are Catalogues.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows. ✓

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

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**Q21** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Waters are Stagnant.
Some Waters are Rivers.
All Stagnant are Mosquitos

**Conclusions:**
(I) Some Waters are Mosquitos.
(II) Some Rivers are Stagnant.

A. Only conclusion (I) follows. ✓
B. Only conclusion (II) follows.
C. Both conclusions (I) and (II) follow.
D. Neither conclusion (I) nor (II) follows.

**Q22** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

SKC33, OGY39, KCU45, GYQ51,?

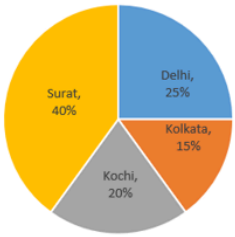
A. MCN57
B. CUM59
C. MCN55
D. CUM57 ✓

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**Q23** General Intelligence and Reasoning

Study the given pie-chart and answer the following question.

The given pie chart depicts the number of cars sold in four cities. The total number of cars sold in the given four cities together is 80.




In Delhi, the respective ratio between the number of cars sold to female and male customers is 2 : 3. What is the number of cars sold to female customers in Delhi?

A. 8 ✓

B. 12

C. 6

D. 4

**Q24** General Intelligence and Reasoning

A statement is given followed by two possible conclusions numbered I and II. You have to assume everything in the statement to be true and on the basis of it, decide which of the conclusions logically follow(s).

**Statement**: "I want to start my own business of exporting cashews and hazelnuts to Turkey and America because I have many friends in these countries with similar business interests, which I think will be helpful." — A told B.

**Conclusions:**

I. It's always beneficial to have good contacts in the domains of work.

II. B is not interested in doing business with A.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Both the conclusions follow

D. Neither conclusion follows

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**Q25** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

231 : 334 :: 289 : ? :: 319 : 422

A. 393

B. 392 ✓

C. 395

D. 394

**Q26** General Intelligence and Reasoning

At what time between 2:30 p.m. and 3:30 p.m. will the hands of a clock be together?

A. $14+\frac{6}{11}$

B. $11+\frac{4}{16}$

C. $16+\frac{4}{11}$ ✓

D. $14+\frac{16}{11}$

**Q27** General Intelligence and Reasoning

R, S, T, U, V and W live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. Only two people between T and W. T does not live on the topmost floor. Neither U nor V lives on the lowermost floor. Only one person lives above S. U lives immediately below T and immediately above V. Who lives on floor number 2?

A. V ✓

B. U

C. T

D. S

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**Q28** General Intelligence and Reasoning

Study the given number series and answer the question that follows.

(Left) 5 3 4 7 2 8 6 5 3 9 4 2 6 8 9 5 (Right)

How many such odd numbers are there each of which is immediately preceded by an even number and also immediately followed by an even number?

A. 4

B. 3

C. 2

D. 1 ✓

**Q29** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

4, 9.6, 23.04, ?, 132.7104, 318.50496

A. 60.913

B. 55.296 ✓

C. 58.269

D. 51.865

**Q30** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

2, 3, 4, 9, 6, 27, 8, 81, 10, ?

A. 111

B. 183

C. 243 ✓

D. 333

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**Q1** General Intelligence and Reasoning

What will come in the place of the question mark (?) in the following equation, if ' + ' and ' – ' are interchanged and also ' × ' and ' ÷ ' are interchanged?

$28 \div 12 + 18 \times 6 + 4 = ?$

A. 229

B. 329 ✓

C. 429

D. 529

**Q2** General Intelligence and Reasoning

In a certain code language, 'DUCAT' is written as 'GYHGA' and 'INDIA' is written as 'LRIOH'. How will 'CHAIR' be written in that language?

A. FLFOY ✓

B. GMGPZ

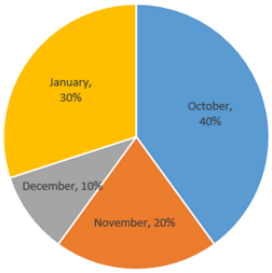
C. GNGPZ

D. FLFPY

**Q3** General Intelligence and Reasoning

Study the given pie-chart and answer the following question.

The given pie chart depicts the number of orders placed in four months. The total number of orders placed in the given four months together is 90.




The number of orders placed in February is 24 more than the number of orders placed in November. What is the number of orders placed in February?

A. 40

B. 41

C. 42 ✓

D. 44

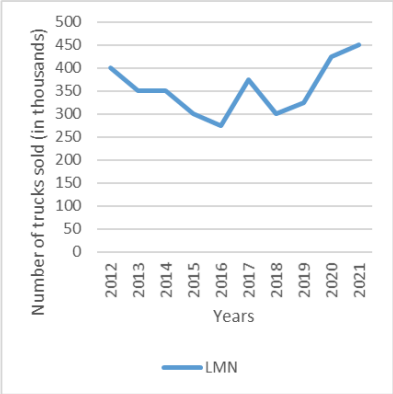
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## Q4 General Intelligence and Reasoning

Study the given line-graph and answer the question that follows.

The line-graph shows the number of trucks sold (in thousands) by company LMN over the years.




What is the ratio of total trucks sold in 2012, 2013, 2014 and 2015 to the trucks sold in 2016, 2017, 2018 and 2020?

A. 56 : 55 ✓

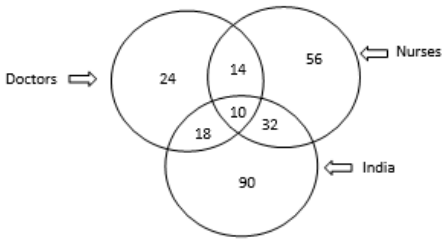
B. 50 : 51

C. 55 : 56

D. 51 : 50

## Q5 General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such nurses are there who are from India but are NOT doctors?

A. 32 ✓

B. 24

C. 42

D. 28

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**Q6** General Intelligence and Reasoning

In the word 'CLIPBOARD', if each vowel is changed to the letter immediately following it and each consonant is changed to the letter immediately preceding it in the English alphabetical order, then how many vowels will be there in the group of letters thus formed?

A. Two ✓

B. Three

C. One

D. Four

**Q7** General Intelligence and Reasoning

Study the given letter series and answer the question that follows.

(Left) K L A P A P S T U D A Q R T S X B Y (Right)

How many such consonants are there each of which is immediately preceded by a vowel and also immediately followed by a vowel?

A. 4

B. 3

C. 2 ✓

D. 6

**Q8** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

144 ? 196 225 256

A. 169 ✓

B. 121

C. 196

D. 179

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**Q9** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

7 : 56 :: 5 : 30 :: 9 : ?

A. 81

B. 86

C. 90 ✓

D. 101

**Q10** General Intelligence and Reasoning

Select the number that will replace the question mark (?) in the given series.

64 343 36 125 16 ?

A. 9

B. 27 ✓

C. 243

D. 8

**Q11** General Intelligence and Reasoning

In a row of people, all facing north, Anil is $5^{th}$ from the right end. Mona is $13^{th}$ from the right end. Mona is exactly between Anil and Ritu. If Ritu is $5^{th}$ from the left end of the row, how many people are there in the row?

A. 25 ✓

B. 22

C. 24

D. 21

**Q12** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

E12JZ, M16RH, U20ZP, C24HX,?

A. K28PF ✓

B. K29FP

C. P28KF

D. P31FK

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**Q13** General Intelligence and Reasoning

Refer to the given number, symbol series and answer the question that follows.

(Left) 5 ^ 3 * 4 2 $ 7 5 % 9 @ & # 8 3 = 9 3 + 2 % 8 (Right)

How many such symbols are there which are immediately preceded by a symbol and also immediately followed by a symbol?

A. 0

B. 1 ✓

C. 2

D. 3

**Q14** General Intelligence and Reasoning

Seven students, A, B, C, D, E, F and G, are sitting around a circular table facing the centre (but not necessarily in the same order). D is sitting second to the left of C. D is sitting to the immediate right of G. B is sitting third to the left of F. E is sitting to the immediate left of B.

Who among the following is an immediate neighbour of B and D?

A. F

B. G ✓

C. C

D. E

**Q15** General Intelligence and Reasoning

Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide

which of the conclusions logically follow(s) from the statements.

Statements:

All bridges are roads.

Some footpaths are roads.

Some footpaths are bricks.

Conclusions:

I. Some bridges are bricks.

II. Some roads are bridges.

III. Some footpaths are bridges.

A. Only conclusions I and II follow

B. Only conclusions I and III follow

C. Only conclusions II and III follow

D. Only conclusion II follows ✓

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**Q16** General Intelligence and Reasoning

In a certain code language, 'HOUSE' is written as 'FOSUC' and 'RAHUL' is written as 'PAUHJ'. How will 'ABOVE' be written in that language?

A. ZCMXC

B. XCNMB

C. CDMXC

D. YBVOC ✓

**Q17** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

ZCD : XAB :: MDV : KBT :: RNT :?

A. PLR ✓

B. POT

C. QRU

D. PMR

**Q18** General Intelligence and Reasoning

Sonal was returning from her coaching class one evening just before sunset. She was waiting for the bus at a square, where she met her friend Shalini coming from the front. At that time, Shalini's shadow was directly falling on Sonal. In which direction was Shalini facing towards?

A. North

B. South

C. East ✓

D. West

**Q19** General Intelligence and Reasoning

Aarush starts walking 9 m towards the north, then turns left and walks 17 m. He again turns left to walk 9 m. In which direction is he facing now? (All turns are 90 degree turns only)

A. West

B. East

C. South ✓

D. North

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**Q20** General Intelligence and Reasoning

Refer to the following letter, symbol series and answer the question.

L J + K − Y % T # U P

How many symbols are there which are immediately preceded by a letter and also immediately followed by a letter?

A. 1

B. 2

C. 3

D. 4 ✓

**Q21** General Intelligence and Reasoning

In a queue, Rajul is $16^{th}$ from the front end and Rekha is $4^{th}$ from the rear end, and there are 5 people between them. How many people are there in the queue?

A. 18

B. 19

C. 25 ✓

D. 21

**Q22** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. B is taller than E but shorter than F. Only one person is shorter than C. Only three people are taller than A. E is not the shortest. Who is the tallest among all the friends?

A. A

B. F ✓

C. D

D. B

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**Q23** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
All Locks are Blocks.
Some Blocks are Toys.
Some Toys are Dolls.

**Conclusions:**
(I) Some Locks are Toys.
(II) Some Blocks are Dolls.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows. ✓

**Q24** General Intelligence and Reasoning

Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $T < P < Q$, $N < M < S < T$

A. $P < M$

B. $Q < S$

C. $P < N$

D. $N < Q$ ✓

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**Q25** General Intelligence and Reasoning

Select the option in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(289,192,95)

(375,278,181)

A. (420,324,227)

B. (421,324,227) ✓

C. (421,322,227)

D. (421,324,225)

**Q26** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing south. Neha sits fourth to the right of Shilu. Only four people sit between Neha and Kirti. Ram sits to the immediate right of Kirti. Only two persons sit between Kirti and Kunti. Alam sits third to the right of Kunti. If no other person is sitting in the row, what is the total number of persons seated?

A. 12

B. 14

C. 16 ✓

D. 18

**Q27** General Intelligence and Reasoning

Five friends, Q,R,S,T, and U are sitting around a circular table facing the centre. U is the immediate neighbour of Q and S. T is second to the left of U and an immediate neighbour of both R and S. Where is R seated?

A. To the immediate right of T

B. Second to the left of U

C. Third to the left of S

D. Third to the left of U ✓

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**Q28** General Intelligence and Reasoning

Read the given statement and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement.

Statement:

Prices of pulses have doubled in the last 15 days due to shortages artificially created by large-scale hoarding by a few traders.

Conclusions:

I. Hoarding is the only factor that leads to an increase in the price of pulses

II. Fifteen days ago, there was no shortage in availability of pulses

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows ✓

D. Both conclusions I and II follow

**Q29** General Intelligence and Reasoning

If 3 is added to each odd digit and 2 is subtracted from each even digit in the number 6452851, what will be difference between the largest and smallest digits thus formed?

A. 6

B. 2

C. 4

D. 8 ✓

**Q30** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$75.02 \div 16.89 \times 13.47 + 749.98 - 79.29 = ?$

A. 622

B. 532

C. 727 ✓

D. 795

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. Q is second to the right of P. Only three people sit between Q and S. T is fourth to the right of S. If no other person is sitting in the row, what is the total number of people seated in the row?

A. 10

B. 11 ✓

C. 8

D. 12

**Q2** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

YSL 22, WQJ 25, UOH 28, SMF 31, ?

A. QLD 34

B. RKD 32

C. QKD 34 ✓

D. SLE 35

**Q3** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

15 : 230 :: 13 : 174 :: 11 : ?

A. 149

B. 121

C. 144

D. 126 ✓

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**Q4** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

3 7 23 59 ? 223

A. 113

B. 123 ✓

C. 133

D. 143

**Q5** General Intelligence and Reasoning

Five boxes X, Y, Z, A and B are kept one above the other but not necessarily in the same order. Only X is kept between Y and B. Z is not kept immediately above or immediately below A. A is not kept on the top most position. Which box is kept at the bottom most position?

A. A ✓

B. B

C. Y

D. Z

**Q6** General Intelligence and Reasoning

R, S, T, U, V and W live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. V lives on floor number 5. S does not live on an even numbered floor. U lives immediately below T. Neither R nor S lives on the topmost floor. Only two people live between V and T. Who lives immediately below R?

A. S ✓

B. T

C. U

D. V

**Q7** General Intelligence and Reasoning

If 2 is multiplied to each even digit and 2 is added to each odd digit in the number 2434251, what will be the sum of the digits which will appear more than once in the new number thus formed?

A. 13

B. 15

C. 14

D. 12 ✓

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**Q8** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left)S 7 & D M # Z 6 % 3 T 2 * H G = C ? 4 Y B (Right)

How many such symbols are there which are immediately preceded by a number and also immediately followed by a letter?

A. One

B. Two ✓

C. Three

D. Four

**Q9** General Intelligence and Reasoning

One evening, Ram and Shyam are talking face-to-face with each other. If Shyam's shadow was exactly to the right of Ram, in which direction was Shyam facing?

A. West

B. South ✓

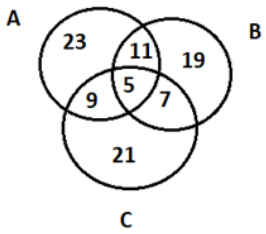
C. East

D. North

**Q10** General Intelligence and Reasoning

Study the given Venn diagram carefully and answer the question that follows. The numbers in different sections indicate the number of gardeners assigned with the following tasks.

A = Watering the plants; B = Growing new plants; C = Beautification of the park




How many such gardeners are there who are assigned with the task of only growing new plants?

A. 11

B. 12

C. 19 ✓

D. 21

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**Q11** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(11, 24, 57)
(7, 39, 60)

A. (17, 58, 91)

B. (12, 55, 19)

C. (14, 25, 43)

D. (15, 41, 86) ✓

**Q12** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some markers are pens.

Some pens are colours.

Some colours are wax.

Conclusions:

(I) Some colours are markers.

(II) Some pens are wax.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Both conclusion (I) and conclusion (II) follow.

D. Both conclusion (I) and conclusion (II) do not follow. ✓

**Q13** General Intelligence and Reasoning

In a certain code language, 'PURPLE' is written as 'VQQSFM' and 'YELLOW' is written as 'FZMMXP'. How will 'VIOLET' be written in the same code language?

A. AMFUPW

B. JWMPUF ✓

C. XMPWUF

D. JMWPFU

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**Q14** General Intelligence and Reasoning

Select the option that is related to the fifth term in the same way as the fourth term is related to the third term and the second term is related to the first term.

DOLPHIN : ALIMEFK :: GROUP : DOLRM :: SHARK : ?

A. PFXOH

B. PEYOH

C. VKDUN

D. PEXOH ✓

**Q15** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. Only two people are taller than A. F is not the tallest. E is shorter than B but taller than D. Only one person is shorter than E. B is not taller than F. Who is the second tallest among all the friends?

A. A

B. C

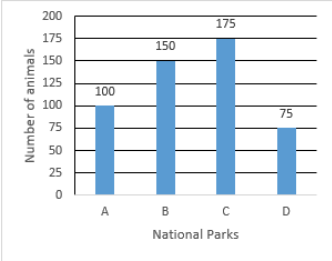
C. F ✓

D. B

**Q16** General Intelligence and Reasoning

Study the given bar graph and answer the following question.

The given bar graph depicts the number of animals in four national parks.




Out of the total number of animals in National Parks A and C together, the respective ratio between the number of herbivores and carnivores was 11 : 14. What was the total number of herbivores in National Parks A and C together? (All national parks mentioned above contain herbivore and carnivore animals only)

A. 99

B. 132

C. 110

D. 121 ✓

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**Q17** General Intelligence and Reasoning HINDI - no English version saved

दर्शन पूर्व की ओर 10 km पैदल चलना शुरू करता है। वह दाईं ओर मुड़ता है 6 km चलता है, फिर दाईं ओर मुड़ता है। वह 5 m चलता है, और फिर दाईं ओर मुड़ता है। वह 4 km चलने के बाद बाईं ओर मुड़ता है। फिर वह 2 km चलता है, फिर बाईं ओर मुड़ता है, और फिर 5 km चलता है। अंत में, वह दाईं ओर मुड़ता है, और 2 km चलता है। अब उसका मुख किस दिशा की ओर है? (सभी मोड़ केवल 90 डिग्री वाले मोड़ हैं)

A. पश्चिम ✓

B. उत्तर

C. पूर्व

D. दक्षिण

**Q18** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$(325 \div 17.99 - 8.99)^2 = ?$

A. 25

B. 121

C. 81 ✓

D. 196

**Q19** General Intelligence and Reasoning

A, B, C, D, E and F are sitting around a circular table facing the centre. A is sitting second to the right of C. B is sitting to the immediate left of F. C is an immediate neighbour of both D and F. Who is sitting second to the left of B ?

A. C

B. E

C. A ✓

D. F

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**Q20** General Intelligence and Reasoning

Study the given table and answer the following question.

| | Number of pages read in | |
|---|---|---|
| | Book 1 | Book 2 |
| Aayush | 485 | 392 |
| Bhakti | 642 | 198 |

If the total number of pages that can be read in Book 1 was 750, how many pages were left unread by Bhakti in Book 1?

A. 120

B. 96

C. 108 ✓

D. 98

**Q21** General Intelligence and Reasoning

In the number 482818259, if 1 is added to all the digits placed at the even places starting from left and 1 is subtracted from the digits placed at the odd places starting from left, what will be the sum of the last 4 digits ?

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

NOTE - All operations to be done from left to right.

A. 24 ✓

B. 22

C. 20

D. 32

**Q22** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

171, 140, 110, 81, 53, ?

A. 20

B. 25

C. 26 ✓

D. 32

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**Q23** General Intelligence and Reasoning

Refer to the following letter, number and symbol series and answer the question.

(Left) F D 3 & S* 9 J 5 @ 6 A & 2 R U # 3 E 7 E % Z (Right)

If all the numbers are dropped from the series, how many such symbols will be there which are immediately preceded by a vowel and also immediately followed by a consonant?

A. One

B. Two ✓

C. Three

D. Four

**Q24** General Intelligence and Reasoning

In a certain code language, 'WORTH' is coded as 'SRNWD' and 'MODEL' is coded as 'IRZHH'. How will 'COAST' be coded in that language?

A. FKDOV

B. YKWOP

C. FRDVV

D. YRWVP ✓

**Q25** General Intelligence and Reasoning HINDI - no English version saved

दिए गए कथनों और निष्कर्षों को ध्यानपूर्वक पढ़ें। कथनों में दी गई जानकारी को सत्य मानते हुए विचार करें, भले ही वह सामान्यतः ज्ञात तथ्यों से भिन्न प्रतीत होती हो, और बताएं कि दिए गए निष्कर्षों में से कौन से कथन का तार्किक रूप से पालन करते हैं?

कथन:

कक्षा 9वीं के छात्र 20 हॉकी मैचों में से 14 हार गए, लेकिन इस वर्ष खेले गए 10 फुटबॉल मैचों में से उन्होंने 8 में जीत हासिल की।

निष्कर्ष:

I. 9वीं कक्षा के छात्रों को हॉकी से अधिक फुटबॉल पसंद है

II. 9वीं कक्षा के छात्रों को हॉकी से अधिक फुटबॉल खेलना चाहिए

A. केवल निष्कर्ष I पालन करता है

B. केवल निष्कर्ष II पालन करता है

C. न तो निष्कर्ष I और ना ही II पालन करता है। ✓

D. निष्कर्ष I और II दोनों पालन करते हैं।

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**Q26** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

Statement: $X \geq W > U \leq Y = V > Z$

A. $Z = Y$

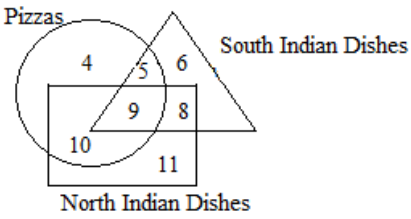
B. $V < U$

C. $W < V$

D. $U < X$ ✓

**Q27** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of restaurants famous for various dishes.




How many restaurants are famous for their South Indian dishes and North India Dishes but NOT for pizzas?

A. 8 ✓

B. 17

C. 13

D. 22

**Q28** General Intelligence and Reasoning

Six persons (L, M, N, O, P and Q) are sitting around a circular table facing the centre. Q is sitting second to the right of N. P is sitting second to the left of M. Q is an immediate neighbour of L and P. L is sitting second to the right of M. Who is sitting third to the left of O?

A. L ✓

B. N

C. Q

D. P

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**Q29** General Intelligence and Reasoning

If today is Thursday, what will be the day after 560 days from today?

A. Wednesday

B. Friday

C. Thursday ✓

D. Sunday

**Q30** General Intelligence and Reasoning

Refer to the following number series and answer the question.

(Left) 6 1 4 6 2 7 5 3 8 6 9 1 3 9 5 3 (Right)

Find the sum of all the even numbers in the above number series.

A. 54

B. 44

C. 32 ✓

D. 24

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Refer to the given number, symbol series and answer the question that follows.

(Left) 9 + $ 5 @ $ 2 6 3 % 2 & 8 # * 2 9 ! 4 3 (Right)

How many such symbols are there (from left to right) which are immediately preceded by a symbol and also immediately followed by an even number?

A. 1

B. 2 ✓

C. 3

D. 4

**Q2** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given number series?

2.9, 4.4, 5.9, 7.4, 8.9, ?

A. 9.4

B. 10.4 ✓

C. 9.9

D. 10.9

**Q3** General Intelligence and Reasoning

If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 38572352, what will be the sum of the digits which are second from the left and fourth from the right in the number thus formed?

A. 4

B. 10

C. 11

D. 12 ✓

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**Q4** General Intelligence and Reasoning

If '−' means '+', '+' means '×', '×' means '÷', '÷' means '−', what will come in place of the question mark (?) in the following equation?

$3 \div 8 \times 2 + 1 - 5 = ?$

A. 6

B. 7

C. 5

D. 4 ✓

**Q5** General Intelligence and Reasoning

OT 05 is related to SX 07 in a certain way. In the same way, GK 09 is related to KO 11. To which of the following is BG 13 related following the same logic?

A. FK 15 ✓

B. KF 51

C. FK 20

D. KF 15

**Q6** General Intelligence and Reasoning

A, B, C, D, E and F are sitting around a circular table facing the centre. B is sitting second to the right of D. C is sitting third to the right of A. A is an immediate neighbour of both E and F . D sits to the immediate right of E. Who is sitting to the immediate left of B ?

A. C ✓

B. D

C. A

D. F

**Q7** General Intelligence and Reasoning

M, N, O, P, Q and R live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
Q lives on an odd-numbered floor but not on the lowermost floor. Only one person lives between Q and N. R lives immediately above Q. Only two people live between O and Q. If P lives immediately above R, where does M live?

A. 4th floor

B. 6th floor

C. 1st floor

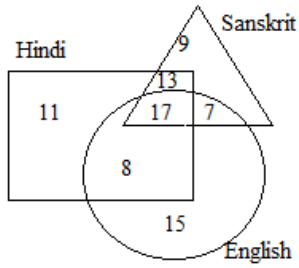
D. 2nd floor ✓

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**Q8** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of students speaking various languages.




How many students can speak all three languages i.e. Sanskrit, Hindi and English?

A. 17 ✓

B. 25

C. 24

D. 30

**Q9** General Intelligence and Reasoning

Study the given table and answer the following question.

| | Number of cushions sold in | |
|---|---|---|
| | February | March |
| Store X | 196 | 114 |
| Store Y | 72 | 98 |
| Store Z | 84 | 155 |

The total number of cushions sold by store X in February and March is what percentage more than the number of cushions sold by store Z in March?

A. 100% ✓

B. 50%

C. 200%

D. 155%

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**Q10** General Intelligence and Reasoning

Which two numbers, from among the given options, should be interchanged to make the given equation correct?

$21 \div 9 + 99 - 81 \times 5 = 3$

A. 21 and 5

B. 9 and 81

C. 9 and 5

D. 21 and 81 ✓

**Q11** General Intelligence and Reasoning

This question consists of a statement followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Waking up early in the morning has many benefits.

Arguments:

I. Waking up early gives you ample amount of time to exercise.

II. Waking up early keeps you stress free.

A. I weakens while II strengthens the statement.

B. II weakens while I strengthens the statement.

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement. ✓

**Q12** General Intelligence and Reasoning

Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

FAN 15, KFS 20, PKX 25, UPC 30, ?

A. ZVI 35

B. YSL 40

C. ZUH 35 ✓

D. YLS 45

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**Q13** General Intelligence and Reasoning

A statement is given followed by four conclusions. Find out which conclusion is INCORRECT based on the given statement.

Statement: $G \geq B > D > P < H = C$

**Conclusions:**

1) $P < C$

2) $G > P$

3) $D < C$

4) $B > P$

A. 1

B. 2

C. 3 ✓

D. 4

**Q14** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given number series?

19, 19, 21, 63, 67, ?

A. 72

B. 335 ✓

C. 196

D. 330

**Q15** General Intelligence and Reasoning

Bharti starts from point T and drives 7 km towards north. Then she turns right, drives 4 km, turns right and drives 10 km. She then turns right and walks 6 km. She takes a final right turn, drives 3 km and stops at point E. How far and in which direction should she drive to reach point T from point E?

(All turns are 90° turns only)

A. 2 km towards north

B. 2 km towards south

C. 2 km towards east ✓

D. 2 km towards west

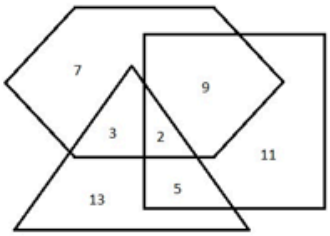
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**Q16** General Intelligence and Reasoning

In the following Venn diagram, the square represents 'creative people', the hexagon represents 'painters', and the triangle represents 'people who live in rural areas'.

Select the option which represents the number of creative painters who live in rural areas.




A. 3

B. 9

C. 5

D. 2 ✓

**Q17** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(17, 238, 7)

(23, 414, 9)

A. (15, 225, 15)

B. (19, 360, 9)

C. (27, 270, 5) ✓

D. (13, 273, 7)

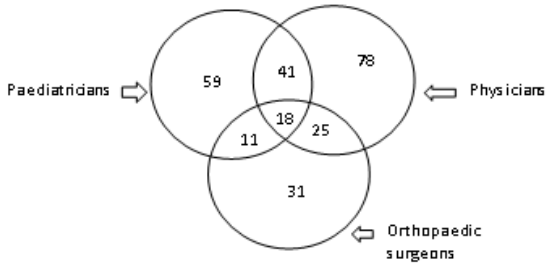
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**Q18** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such persons are there who are paediatricians and also orthopaedic surgeons but NOT physicians?

A. 36

B. 19

C. 11 ✓

D. 40

**Q19** General Intelligence and Reasoning

Five friends live on five different floors of the samebuilding. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 5. Only Meera lives on the floor between Shrishti and Richa. Anshul lives on the floor immediately below Richa. Chandan lives on the first floor. No one lives above Shrishti. Who lives on the second floor?

A. Meera

B. Richa

C. Anshul ✓

D. Shrishti

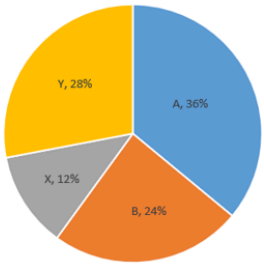
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**Q20** General Intelligence and Reasoning

Study the given pie-chart and answer the following question.

The given pie chart depicts the number of chairs manufactured of four brands (A, B, X and Y). The total number of chairs manufactured of the four brands together is 200.




The total manufacturing cost of chairs of Brand A was ₹14,400. What was the manufacturing cost of one chair of Brand A?

A. ₹150

B. ₹220

C. ₹240

D. ₹200 ✓

**Q21** General Intelligence and Reasoning

How many such pairs of letters are there in the word INTERNATIONAL (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. 7

B. 6 ✓

C. 5

D. 4

**Q22** General Intelligence and Reasoning

A group of friends are playing a game sitting together facing north. Rehana is to the left of Arjun, who is seated exactly in front of Somil. If Arjun exchanges his position with Somil, to which direction of Arjun is Rehana seated now?

A. North

B. North-East

C. North-West ✓

D. South-West

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**Q23** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(11, 117, 2)

(9, 56, 5)

A. (7, 46, 1)

B. (10, 98, 2)

C. (13, 169, 2)

D. (12, 108, 6) ✓

**Q24** General Intelligence and Reasoning

In a certain code language, 'BFKMT' is written as 'CHNQY' and 'XUAFL' is written as 'YWDJQ'. How will 'GESIO' be written in that language?

A. HFUJQ

B. HGVOT

C. HGUMT

D. HGVMT ✓

**Q25** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) B & Z S 6 N M @ 4 X & 7 L # 3 T Z * 5 (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

A. Two

B. Three

C. Four

D. Five ✓

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**Q26** General Intelligence and Reasoning

In a certain code language, 5, 8, 2, 3, 4, 1, 7 and 6 are coded as P, W, D, L, X, T, A and G, respectively.

If the last two digits of the number-cluster are odd, then the first and last digits are to be coded as Q.

If the last two digits of the number-cluster are even, then the first and last digits are to be coded as L.

How will '231578' be coded in that language?

A. LLTPAL

B. DLTPAL

C. LLTPAW

D. DLTPAW ✓

**Q27** General Intelligence and Reasoning

This question is based on the five, five-digit numbers given below.

(Left) 72238 83745 52227 72253 63776 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

(NOTE: All operations to be done from left to right)

If 1 is subtracted from the first digit of every number, in how many numbers will the first digit be exactly divisible by 3?

A. Two ✓

B. Three

C. Four

D. Five

**Q28** General Intelligence and Reasoning

In a group of six friends, Teena, Monu, Lalit, Rekha, Garima and Suman, each has a different height. Lalit is shorter than Garima and Rekha but taller than Monu. Suman is shorter than only Teena. Who is the shortest among all the six friends?

A. Garima

B. Suman

C. Monu ✓

D. Lalit

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**Q29** General Intelligence and Reasoning

Five friends live on five different floors of the samebuilding. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 5. Namita lives on the floor which is second from the top. Sanjana lives on one of the floor between Anand and Ritu. Avdhesh lives on the floor immediately above Namita. Ritu lives on the lowermost floor. Who lives on the fourth floor from the top?

A. Sanjana ✓

B. Namita

C. Anand

D. Avdhesh

**Q30** General Intelligence and Reasoning

Five friends, Hiba, Suhani, Pritam, Ahmed, and Rosy are sitting around a circular table facing the centre. Rosy is second to the right of Pritam, and is an immediate neighbour to both Suhani and Ahmed. If Ahmed is second to the left of Pritam, where is Hiba seated?

A. Third to the left of Suhani

B. To the immediate left of Suhani

C. Second to the left of Suhani ✓

D. Second to the right of Suhani

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Rahul drives 80 km towards the north, and then he turns towards the west and drives 100 km. After that, he turns south and drives 80 km, and in the end, he turns east and drives 120 km. How far is the end point from the initial point?

A. 80 km

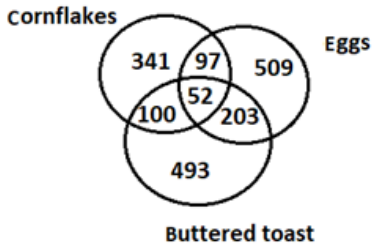
B. 50 km

C. 140 km

D. 20 km ✓

**Q2** General Intelligence and Reasoning

Study the given Venn diagram carefully and answer the question that follows. The numbers in different sections indicate the number of persons who consume a certain type of breakfast.




How many such persons are there, who consume both cornflakes and buttered toast?

A. 341

B. 52

C. 100

D. 152 ✓

**Q3** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

12 : 20 :: 30 : ? :: 56 : 72

A. 44

B. 42 ✓

C. 45

D. 41

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**Q4** General Intelligence and Reasoning

Study the given table and answer the following question.

| | Distance travelled (in km) by | |
|---|---|---|
| | Train A | Train B |
| Day 1 | 362 | 480 |
| Day 2 | 282 | 596 |
| Day 3 | 421 | 640 |

What was the average of the distance travelled (in km) by Train A on the given three days?

A. 336

B. 345

C. 356

D. 355 ✓

**Q5** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.

Only one person lives below E. A does not live on the topmost floor. Only three people live between A and C. C lives below A. D lives immediately above B. Who lives immediately above A ?

A. F ✓

B. D

C. E

D. B

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**Q6** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(24, 42 )

(36, 63)

A. 48, 96

B. 36, 91

C. 40, 82

D. 52, 91 ✓

**Q7** General Intelligence and Reasoning

Six friends, A, B, C, D, E, and F are sitting around a circular table facing the centre.

C is the immediate neighbour of A and E. F is second to the right of C and third to the left of A. If B is second to the left of C, where is D seated?

A. Second to the left of A ✓

B. Second to the left of B

C. Fourth to the right of C

D. Third to the right of E

**Q8** General Intelligence and Reasoning

How many 6s are there in the following sequence each of which is NOT immediately preceded by 3 but immediately followed by 3?

8 6 3 6 4 8 6 8 1 8 6 3 6 5 4 8 6 2 4 3 6 8 6 9 8 8 6 4 6 9

A. Five

B. Four

C. Two ✓

D. Six

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**Q9** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word 'NOTED' is arranged in alphabetical order?

A. None ✓

B. Three

C. Four

D. Five

**Q10** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

8 ? 4 6 12 30

A. 6

B. 2

C. 4 ✓

D. 8

**Q11** General Intelligence and Reasoning

Select the term from among the given options that can replace the question mark (?) in the following alpha-numeric series to make it logically complete.

O5U, L7S, I10Q, F14O, ?

A. D19N

B. D20N

C. C20N

D. C19M ✓

**Q12** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

YVQ : TQL
WKG : RFB

A. QHK : JSP

B. DUR : APM

C. SIY : NDT ✓

D. FHL : CIU

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**Q13** General Intelligence and Reasoning

If each of the digits in the number 25731640 is arranged in descending order, the position of how many digits will remain unchanged as compared to that in the original number?

A. One ✓

B. None

C. Three

D. Two

**Q14** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some cheese are custards.

2. All milk are cheese.

3. Some curds are cheese.

Conclusions:

I-All cheese are milk.

II-Some custards are cheese.

A. Only conclusion I follows.

B. Only conclusion II follows. ✓

C. Both conclusions I and II follow.

D. Neither conclusion I nor II follows.

**Q15** General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) on basis of the statement(s).

Statements: $B < D, C = E, F > D, E < G, K = G, C < F$

Conclusions:

1. $G > C$
2. $G < C$

A. Only conclusion 1 follows. ✓

B. Only conclusion 2 follows.

C. Both conclusions 1 and 2 follow.

D. Neither conclusion 1 nor 2 follows.

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**Q16** General Intelligence and Reasoning

A, B, C, D, E and F are sitting around a circular table facing the centre. B is sitting third to the right of F. F is an immediate neighbour of both C and A. C sits second to the right of B. D is not the immediate neighbour of C. Who is sitting to the immediate left of E?

A. D

B. C

C. A

D. B ✓

**Q17** General Intelligence and Reasoning

This question consists of a statement followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement – Prices of tomatoes in Kerala will rise sharply as many trucks carrying them from other states have been stopped at the border

I. Tomatoes are mostly brought to Kerala from outside.

II. The quantity of tomatoes grown in Kerala is not enough to meet the demand in the state.

A. I weakens while II strengthens the statement

B. II weakens while I strengthens the statement

C. Both I and II weaken the statement

D. Both I and II strengthen the statement ✓

**Q18** General Intelligence and Reasoning

In a certain code language, 'SMART' is written as 'VKDPW' and 'FRAUD' is written as 'IPDSG'. How will 'PURGE' be written in that language?

A. SSUEH ✓

B. QTSFF

C. RWTIG

D. RSTEG

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**Q19** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. No one is sitting to the right of E. Only two people are sitting to the left of B. D is sitting third to the right of B. Only four people are seated between B and F. Only eight people are seated between D and C. E is seated second to the right of C. If no other person is sitting in the row, what is the total number of persons seated?

A. 16

B. 22

C. 17 ✓

D. 21

**Q20** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

| Number/Symbol | / | # | 9 | 7 | @ | % | > | 2 | ! | ? | 6 | 4 | < | = |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | D | F | T | J | N | G | E | X | V | W | K | U | P | Z |

Conditions:

(i) If the first element is a number and the last a symbol, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last an even number, the first and the last elements are to be coded as Ø.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '< 9 4 # 2' be coded?

A. P T U F X

B. P U U F X

C. P T T F X ✓

D. P T P F V

**Q21** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number, the fourth number is related to the third number.

48 : 5 :: 96 : 7 :: 6 :?

A. 36

B. 2 ✓

C. 10

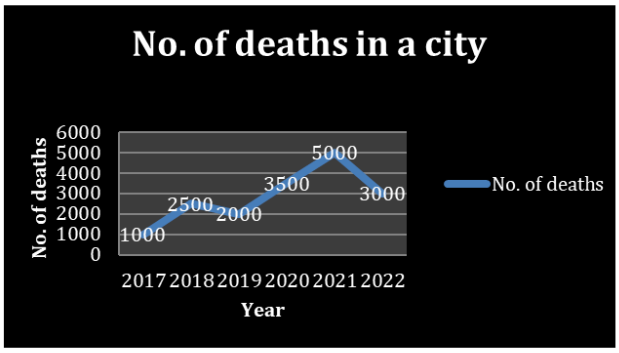
D. 4

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**Q22** General Intelligence and Reasoning

The given line graph shows the number of deaths in a city from the year 2017 to 2022. Study the graph and answer the question that follows.




What is the approximate percentage decrease in deaths from 2021 to 2022 and increase in deaths from 2020 to 2021, respectively?

A. 30% and 32.93%

B. 40% and 42.83% ✓

C. 42.83% and 40%

D. 32.93% and 30%

**Q23** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

Some pliers are levers

All levers are ramps

Some cutters are pliers.

**Conclusions:**

(I) Some cutters are levers

(II) Some ramps are cutters

(III) All pliers are ramps

A. Only conclusion I follows

B. Only conclusion II follows

C. Either conclusion I or III follows

D. None of the conclusions follow ✓

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**Q24** General Intelligence and Reasoning

In the evening, a person was standing such that his shadow was to his left. In which direction was he facing?

A. East

B. West

C. North

D. South ✓

**Q25** General Intelligence and Reasoning

How many such pairs of letters are there in the word '*ADVERSE*' (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. 4

B. 3

C. 2 ✓

D. 1

**Q26** General Intelligence and Reasoning

If '+' means '×', '×' means '÷', '÷' means '−', and '−' means '+', then what will be the value of the given expression?

$93 - 91 \times 7 + 8 \div 3$

A. 201

B. 194 ✓

C. 89

D. 198

**Q27** General Intelligence and Reasoning

Five friends have their interview on different dates in the month February of a leap year. All have their interviews on even dates. There are exactly five days gap between each interview. On which date does the first person will have the interview, if none of them have their interview on $28^{th}$ February?

A. $8^{th}$

B. $6^{th}$

C. $2^{nd}$ ✓

D. $4^{th}$

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**Q28** General Intelligence and Reasoning

Refer to the following number series and answer the question that follows.

(left) 3 7 9 2 1 5 3 9 2 6 5 8 7 9 1 3 5 9 4 6 (right)

Which is the eighth digit to the left of the twelfth digit from the left end of the series?

A. 2 ✓

B. 9

C. 1

D. 5

**Q29** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given number series?

35, 34, 36, 33, 37, ?

A. 41

B. 32 ✓

C. 34

D. 42

**Q30** General Intelligence and Reasoning

Each of six sports persons, Falak, Bala, Renu, Rekha, Priya and Pallavi, has a different weight. Rekha is heavier than only Falak and Renu but lighter than Bala and Priya. Pallavi is the heaviest. Priya is heavier than Bala and Falak is heavier than Renu. Who is the lightest among all the sports persons?

A. Bala

B. Falak

C. Renu ✓

D. Priya

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**Q1** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

All grapes are lemons

Some dates are papayas

Some grapes are cherries

**Conclusions:**

(I) Some lemons are dates

(II) Some grapes are papayas

(III) Some lemons are cherries

A. Only conclusion I follows

B. Only conclusion II follows

C. Only conclusion III follows ✓

D. None of the conclusions follow

**Q2** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

1, 4, 11, 26, 57, 120 , ?

A. 247 ✓

B. 246

C. 128

D. 254

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**Q3** General Intelligence and Reasoning HINDI - no English version saved

निम्न अक्षर, संख्या, प्रतीक शृंखला के आधार पर पूछे गए प्रश्न का उत्तर दीजिए।

(बाएं) M K T # 7 8 R Y @ S F E ? D Q * 5 9 C = 2 H (दाएं)

ऐसे कितने प्रतीक हैं जिनके ठीक पहले एक अक्षर है और ठीक बाद एक संख्या भी है?

A. एक

B. दो

C. तीन ✓

D. चार

**Q4** General Intelligence and Reasoning

If '+' means '×', '–' means '÷', '×' means '+', and '÷' means '–', what will come in place of the question mark (?) in the following equation?

$15 + 3 - 5 \div 7 \times 6 = ?$

A. 10

B. 12

C. 15

D. 8 ✓

**Q5** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

TPN : XTR
LSK : PWO

A. DQG : ZMC

B. ZMC : DQG ✓

C. QGD : CMZ

D. MZC : DGQ

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**Q6** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

Some pencils are lanterns

All lanterns are rubbers

Some candies are pencils.

**Conclusions:**

(I) Some candies are lanterns

(II) Some rubbers are candies

(III) All pencils are rubbers

A. Only conclusion I follows

B. Only conclusion II follows

C. Either conclusion I or III follows

D. None of the conclusions follow ✓

**Q7** General Intelligence and Reasoning

A statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$M \geq N < O = P > Q > R > S$

**Conclusions:**

I. $M > Q$

II. $O > R$

A. Only conclusion I is true

B. Only conclusion II is true ✓

C. Neither conclusion I nor II is true

D. Both conclusions I and II are true

**Q8** General Intelligence and Reasoning

In a certain code language, 'LIST' is written as 'NKUV' and 'PACK' is written as 'RCEM'. How will 'PLANT' be written in that language?

A. QMBOU

B. RNCPV ✓

C. RMCOV

D. OMBSR

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**Q9** General Intelligence and Reasoning HINDI - no English version saved

दी गई अक्षर, संख्या, प्रतीक शृंखला का अध्ययन करें, और पूछे गए प्रश्न का उत्तर दें।

7 T % N 9 * M $ 3 U L = 8 Y @ G & 4 E > 5 & R 3 ! K # 7 H = Y 6 R

ऐसी कितनी संख्याएं हैं, जिनके ठीक पहले एक प्रतीक और ठीक बाद एक अक्षर आता है।

A. 5

B. 2

C. 4 ✓

D. 3

**Q10** General Intelligence and Reasoning

Read the given statement and conclusions carefully. Assuming that the information given in the statement is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement.

Statement: Insufficient sleep is the major cause of swelling under eyes.

Conclusions:

(I) A good night's sleep leads to increase in memory and concentration.

(II) People who get sufficient sleep never have swelling under the eyes.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both conclusions I and II follow.

D. Neither conclusion I nor conclusion II follows. ✓

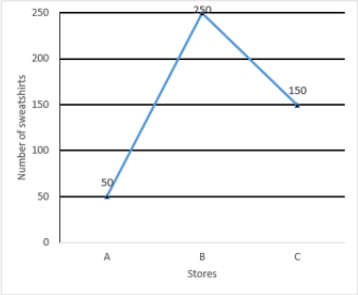
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**Q11** General Intelligence and Reasoning

Study the given line graph and answer the following question.

The given line graph depicts the number of sweatshirts in stores A, B and C.




Out of the number of sweatshirts in stores A and B, 20% and 40%, respectively were sold. What is the total number of sweatshirts sold by stores A and B?

A. 120

B. 110 ✓

C. 90

D. 130

**Q12** General Intelligence and Reasoning

Refer to the following letter and symbol series and answer the question.

(Left) Z # U * Y $ K W P Q @ G & A % J B L % & H E # V (Right)

How many such symbols are there in the series which are immediately preceded by a vowel and also immediately followed by a consonant?

A. Two

B. Four

C. Five

D. Three ✓

**Q13** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

20 : 30 :: 42 : ? :: 72 : 90

A. 55

B. 51

C. 56 ✓

D. 52

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**Q14** General Intelligence and Reasoning

A certain number of people are sitting in a row and facing north. U is sitting $4^{th}$ to the right of S. V is sitting $5^{th}$ from the right end. V is seated at the immediate right of U. If no other person is sitting in the row, what is the total number of persons seated ?

A. 10 ✓

B. 4

C. 8

D. 11

**Q15** General Intelligence and Reasoning

If '+' means '÷', '–' means '+', '×' means '–', and '÷' means '×', what will come in place of the question mark (?) in the following equation?

$15 \times 6 \div 12 + 4 - 5 = ?$

A. 8

B. 12

C. 2 ✓

D. 5

**Q16** General Intelligence and Reasoning

Six friends are sitting around a round table facing the centre with equal distances between two neighbours. Wasim is second to the right of Muskan. Ekta is sitting to the immediate left of Rohit. Anushri is sitting third to the left of Wasim. Suresh is second to the left of Ekta. Who is to the immediate right of Wasim?

A. Ekta ✓

B. Suresh

C. Muskan

D. Rohit

**Q17** General Intelligence and Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept above C. Only E is kept between D and F. G is kept immediately below F. B is kept immediately below A. Only C is kept between B and D. How many boxes are kept between B and F?

A. Three ✓

B. Two

C. One

D. Four

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**Q18** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor, which is numbered 6. Only one person lives above C. Only three people live between C and B. A does not live on the topmost floor. Only one person lives between A and F. F lives below A. D lives on an even numbered floor. Who lives immediately below E?

A. D

B. A

C. B

D. F ✓

**Q19** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

30, 54, 86, 126, 174, ?

A. 208

B. 210

C. 220

D. 230 ✓

**Q20** General Intelligence and Reasoning

In a certain alpha-numeric code, 'ACE' is written as 9 and 'FORT' is written as 59. How will 'CREAM' be written in the same code?

A. 55

B. 40 ✓

C. 49

D. 69

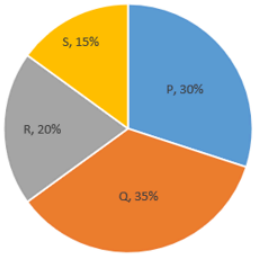
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**Q21** General Intelligence and Reasoning

Study the given pie-chart and answer the following question.

The given pie chart depicts the number of trousers purchased of four brands (P, Q, R and S). The total number of trousers purchased of the four brands together is 120.




Out of the total number of trousers purchased of brands Q and R, one-third were slim fit trousers. What is the total number of slim fit trousers purchased of brands Q and R?

A. 18

B. 24

C. 22 ✓

D. 33

**Q22** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

Statement: $G < L < T > Y = V \geq P > X$

A. $G \leq T$

B. $Y > L$

C. $G < Y$

D. $P \leq Y$ ✓

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**Q23** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All chocolates are balls.

All balls are festivals.

Some festivals are tennis.

Conclusions:

(I) All chocolates are festivals.

(II) Some balls are tennis.

A. Only conclusion (I) follows. ✓

B. Only conclusion (II) follows.

C. Both conclusion (I) and conclusion (II) follow.

D. Both conclusion (I) and conclusion (II) do not follow.

**Q24** General Intelligence and Reasoning

Amit starts moving in the north direction from his initial position. Before reaching his final destination, he turns two times right and one time left and again one time right. In which direction is he moving now? (All turns are 90 degree turns only)

A. South ✓

B. West

C. North

D. East

**Q25** General Intelligence and Reasoning

Town C is west of town D. Town E is south of the mid-point of the line joining C and D. Town F is south-west of C such that F and E are along the same straight line. What is the position of E with respect to F?

A. East ✓

B. West

C. North

D. South

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**Q26** General Intelligence and Reasoning

Six friends are sitting around a round table facing the centre with equal distances between two neighbours. Gaurav is sitting second to the left of Yashvi. Sana is sitting third to the left of Aaliya. Danish is sitting to the immediate left of Aaliya. Varnit is sitting third to the left of Yashvi. Gaurav is sitting to the immediate right of Varnit. Who is sitting to the immediate left of Sana?

A. Danish

B. Yashvi

C. Varnit

D. Gaurav ✓

**Q27** General Intelligence and Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

P3WJ, R10TO, T24QT, V45NY, ?

A. X67KC

B. X73LD

C. X67KD

D. X73KD ✓

**Q28** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

8 : 63 :: 11 : ? :: 13 : 168

A. 121

B. 120 ✓

C. 118

D. 119

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**Q29** General Intelligence and Reasoning

If '+' means '−', '−' means '÷', '÷' means '×', '×' means '+', what will come in place of the question mark (?) in the following equation?

$78 \times 3 - 2 \div 6 + 4 = ?$

A. 72

B. 45

C. 91

D. 83 ✓

**Q30** General Intelligence and Reasoning

In the word 'WEBSITE', if each vowel is replaced with the immediate next letter and each consonant is replaced with the immediate previous letter as per the English alphabetical order, then how many vowels will be there in the word so formed?

A. One ✓

B. Two

C. Three

D. None

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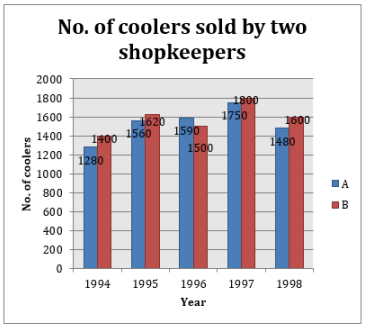
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## General Intelligence and Reasoning

30 Questions • Answer Key

### Q1 General Intelligence and Reasoning

The following bar graph shows the number of coolers sold by shopkeepers A and B in different years. Study the graph and answer the question that follows.




The total number of coolers sold by shopkeeper B in 1995 and 1998 together is approximately what percentage more/less than the total number of coolers sold by the shopkeeper A in 1996 and 1997 together?

A. 4% less ✓

B. 4% more

C. 6% less

D. 6% more

### Q2 General Intelligence and Reasoning

Which two numbers from amongst the given options should be interchanged to make the given equation correct?

$87 \times 122 - 369 - 13 \div 2 = 701$

A. 122 and 13 ✓

B. 369 and 2

C. 87 and 2

D. 87 and 13

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**Q3** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(1, 6, 4)
(3, 15, 9)

A. (2, 16, 8)

B. (9, 25, 7) ✓

C. (10, 33, 11)

D. (3, 18, 8)

**Q4** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word FLAGSTONE is arranged in alphabetical order?

A. 3

B. 1

C. 2 ✓

D. 4

**Q5** General Intelligence and Reasoning

If '+' means '×', '–' means '÷', '×' means '–', and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$4 \times 5 + 3 \div 16 - 1 = ?$

A. 10

B. 12

C. 8

D. 5 ✓

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**Q6** General Intelligence and Reasoning

A certain number of people are sitting in a straight line facing north. Only three people are sitting between D and I. There are only two people sitting between K and O. I is sitting to the immediate left of O. No one is sitting to the left of D. Only one person is sitting to the right of O. How many people are sitting in the row?

A. 7 ✓

B. 5

C. 8

D. 6

**Q7** General Intelligence and Reasoning

Six teachers are sitting around a circular table facing the centre. Ruhi is sitting second to the left of Sophie. Gautam is sitting third to the right of Dinesh. Preeti is an immediate neighbour of both Sophie and Gautam. Mary is sitting to the immediate left of Ruhi. Who is an immediate neighbour of both Ruhi and Sophie?

A. Mary

B. Preeti

C. Dinesh ✓

D. Gautam

**Q8** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Bears are Teddies.
Some Rabbits are Teddies.
All Rabbits are Soft.

**Conclusions:**
(I) Some Rabbits are Bears.
(II) All Teddies are Soft.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows. ✓

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**Q9** General Intelligence and Reasoning

In the word 'BACKGROUND', if each vowel is changed to the letter immediately following it and each consonant is changed to the letter immediately following it in the English alphabetical order, then how many vowels will be there in the group of letters thus formed?

A. One

B. Two ✓

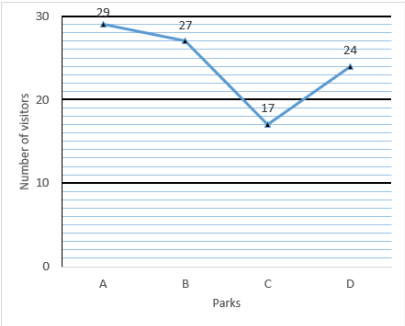
C. Three

D. None

**Q10** General Intelligence and Reasoning

Study the given line graph and answer the following question.

The given line graph depicts the number of visitors in four parks – A, B, C and D.




If out of the total number of visitors in parks A and C, 50% were females, what was the total number of male visitors in parks A and C?

A. 21

B. 23 ✓

C. 20

D. 18

**Q11** General Intelligence and Reasoning

If each of the letters in the word 'LEUCOMA' is arranged in alphabetical order, how many letters are there in the English alphabetical order between the letters which is third from the left and the one which is second from the right?

A. Nine ✓

B. Ten

C. Eight

D. Seven

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**Q12** General Intelligence and Reasoning

In a row of people standing in a waiting area, facing North, Hari stands seventh from the left end of the row and there are three people between him and the person standing at the exact centre of the row. How many people are standing in the row?

A. 20

B. 21 ✓

C. 18

D. 15

**Q13** General Intelligence and Reasoning

This question consists of a statement followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Eating junk food is not good for health.

Arguments:

I. Junk food has high amount of fats, chemical additives and sodium leading to obesity.

II. High intake of sugars and fats tend to suppress the function of the brain that helps in learning and memory formation.

A. I weakens while II strengthens the statement.

B. II weakens while I strengthens the statement.

C. Both I and II weaken the statement.

D. Both I and II strengthen the statement. ✓

**Q14** General Intelligence and Reasoning

While playing a game, P is standing to the south of D, who is to the west of A, who is to the north of J. If P exchanges his position with A, then what is the direction of J with respect to P?

A. North

B. South ✓

C. East

D. West

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**Q15** General Intelligence and Reasoning

Shalika walked 15 km towards south from her house, then she turned towards east and covered a distance of 10 km. She then turned north and covered a distance of 25 km. Finally turning west, she covered a distance of 15 km. In which direction is she from her house now?

(All turns are 90° turns only)

A. South-west

B. North-east

C. South-east

D. North-west ✓

**Q16** General Intelligence and Reasoning

Refer to the given number, symbol series and answer the question that follows.

(Left) ¥ 1 λ 2 5 $ 2 # 1 & 2 3 € 1 5 6 % ¥ 2 @ 6 (Right)

How many such symbols are there, each of which is immediately preceded by a symbol and also immediately followed by a number?

A. 0

B. 1 ✓

C. 2

D. 3

**Q17** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $E \leq D < K = A > P > Z$

A. $Z = E$

B. $P > D$

C. $A > E$ ✓

D. $A \geq Z$

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**Q18** General Intelligence and Reasoning

P, Q, R, S, T and U are six friends sitting around a circular table, facing the centre of the table in a café. S is seated third to the right of U. Q is the immediate neighbour of U and P. T is seated to the immediate left of S. Who are the immediate neighbours of R?

A. T and S

B. U and T ✓

C. P and S

D. Q and U

**Q19** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

3 11 20 28 37 ?

A. 44

B. 55

C. 45 ✓

D. 54

**Q20** General Intelligence and Reasoning

A statement is given followed by four conclusions as options. Select which conclusion is true based on the given statement.

Statement: $Z > Q > L = J < R < P$

A. $J < Z$ ✓

B. $Q < P$

C. $R > Z$

D. $P < L$

**Q21** General Intelligence and Reasoning

In a certain code language, 'TRAMP' is written as 'VOCJR' and 'BLANK' is written as 'DICKM'. How will 'AMPLE' be written in that language?

A. CIRHG

B. DJSIH

C. CJRIG ✓

D. BOSPJ

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**Q22** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some Cakes are Ice-Creams.

Some Cakes are Butters.

All Cakes are Eggs.

**Conclusions:**

(I) Some Butters are Ice-creams.

(II) All Eggs are Ice-creams.

A. Only conclusion (I) follows.

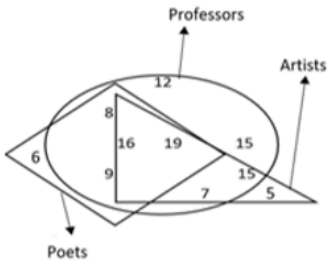
B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows. ✓

**Q23** General Intelligence and Reasoning

Observe the given diagram carefully and answer the question that follows. The numbers in different sections indicate the number of persons.




How many such persons are there in the above group who are not artists and poets but are only professors?

A. 22

B. 35

C. 17

D. 27 ✓

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**Q24** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

7 : 42 :: 5 : 20 :: 11 : ?

A. 90

B. 110 ✓

C. 117

D. 132

**Q25** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. B is sitting third to the right of C. No one is sitting to the left of C. Only four people are sitting between A and B. Only two people are seated to the right of D. Only four people are sitting between A and D. If no other person is sitting in the row, what is the total number of persons seated between C and D?

A. 15

B. 13

C. 12 ✓

D. 17

**Q26** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

RTO : OQL
KMD : HJA

A. ABC : XWZ

B. JHG : FDS

C. UBF : RYC ✓

D. LOP : IUY

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**Q27** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

240 240 120 40 10 ?

A. 1

B. 8

C. 5

D. 2 ✓

**Q28** General Intelligence and Reasoning

In a certain code language, 'PEN' is written as 'KVM' and 'CAN' is written as 'XZM'. How will 'GUN' be written in that code language?

A. TMF

B. FMT

C. TFM ✓

D. TDM

**Q29** General Intelligence and Reasoning

If ' + ' means ' − ', ' − ' means ' × ', ' × ' means ' ÷ ', ' ÷ ' means ' + ', what will come in place of the question mark (?) in the following equation?

$25 \times 5 \div 7 - 10 \times 2 = ?$

A. 38

B. 39

C. 40 ✓

D. 41

**Q30** General Intelligence and Reasoning

Select the combination of letters that when placed from left to right in the same sequence in the blanks of the given series will complete the series.

_ _LMT_ _PLMT_KPL_ _ _KPLMT_

A. KPTKTMTTT ✓

B. KPTKTMTTM

C. LPTKTMTTT

D. KLTKTMTTT

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Priyanka walks 9 m towards the south. She turns left and walks 7 m. Then she turns right and walks 5 m. She again turns right and walks 9 m. In which direction is Priyanka facing now? (All turns are 90 degree turns only)

A. South

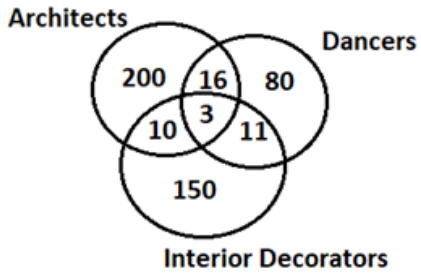
B. East

C. North

D. West ✓

**Q2** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such interior decorators are there who are NEITHER architects NOR dancers?

A. 174

B. 171

C. 160

D. 150 ✓

**Q3** General Intelligence and Reasoning

In a certain code language, 'Peaches were sweet' is written as 'go la ba'. 'Sour grapes and sweet apples' is written as 'bimb ko da go sa'. Which of the following codes represents the word 'Sweet'?

A. ba

B. bimb

C. la

D. go ✓

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**Q4** General Intelligence and Reasoning

In a group of six people, each has a different height. Reshma is the tallest and Kavita is taller than Surbhi, who is shorter than Lalita. Pallavi is taller than Ganga but shorter than Surbhi. Kavita is taller than Lalita. Who among the following is the shortest?

A. Surbhi

B. Ganga ✓

C. Lalita

D. Kavita

**Q5** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

27 : 6 :: 18 : ? :: 36 : 8

A. 3

B. 5

C. 6

D. 4 ✓

**Q6** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$625 \times 31 \div 233 - 59 = ?$

A. 24 ✓

B. 20

C. 13

D. 33

**Q7** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. C is taller than only two other friends. E is shorter than only one friend. B is shorter than C but taller than A. D is shorter than F. Who is the shortest among all the friends?

A. C

B. B

C. A ✓

D. D

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**Q8** General Intelligence and Reasoning

Which two numbers should be interchanged to make the given equation correct?

$25 \times 9 - 74 + 459 \div 3 = 52$

A. 25 and 3

B. 9 and 3 ✓

C. 25 and 74

D. 74 and 3

**Q9** General Intelligence and Reasoning

Three statements are given followed by three conclusions numbered I, II and III. Assuming thestatements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All clouds are waters.

Some waters are juices.

All juices are sugars.

**Conclusions:**

I. Some clouds are sugars.

II. Some waters are sugars.

III. Some waters are clouds.

A. Only conclusions I and II follow

B. Only conclusions I and III follow

C. Only conclusions II and III follow ✓

D. Only conclusion III follows

**Q10** General Intelligence and Reasoning

If each of the letters in the word FATIGUE is arranged in alphabetical order, then after rearrangement how many letters will be there in the English alphabetical series between the letter that is fourth from the left and the one that is second from the right?

A. Nine

B. Eleven

C. Ten

D. Twelve ✓

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**Q11** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. M sits third to the right of A. M is second to the left of P. Only one person sits between P and S. Q sits to the immediate right of S, and no other person is sitting in the row. What is the total number of people seated in the row?

A. 8

B. 9 ✓

C. 10

D. 7

**Q12** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. B lives immediately below A and immediately above C. Only one person lives above E. Neither B nor C lives on the lowermost floor. A does not live on the topmost floor. Only two people live between A and D. Who lives immediately below C?

A. D ✓

B. A

C. E

D. F

**Q13** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(6, 17, 40)
(13, 9, 31)

A. (31, 16, 45)

B. (27, 14, 49)

C. (21, 15, 51) ✓

D. (6, 13, 25)

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**Q14** General Intelligence and Reasoning

Veer starts from Point A and drives 7 km towards the north. He then takes a right turn, drives 8 km, turns right and drives 19 km. He then takes a right turn and drives 3 km, takes a right turn and drives 12 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 9 km towards the south

B. 5 km towards the west ✓

C. 6 km towards the east

D. 8 km towards the south

**Q15** General Intelligence and Reasoning

Eight persons are sitting around a circular table facing the centre. Z is an immediate neighbour of both U and V. Z is second to the left of X. S is an immediate neighbour of both U and T. U sits third to the left of X. W is an immediate neighbour of T. Y sits second to the right of V. Who sits third to the left of T?

A. W

B. X ✓

C. Y

D. Z

**Q16** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

3 3.5 4.5 6 8 ?

A. 10.5 ✓

B. 11

C. 9.5

D. 12.5

**Q17** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

OWJ 4, MUH 9, KSF 14, IQD 19, ?

A. GLC 23

B. KLB 25

C. JOB 22

D. GOB 24 ✓

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**Q18** General Intelligence and Reasoning

Six presidents with the initials O, P, S, B, N and K are sitting around a circular table, facing the centre and at equal distance from each other, not necessarily in the same order.

P sits exactly between B and S. N sits exactly between K and O. B sits at the immediate right of K. O sits at the immediate right of S. Who sits second to the left of O?

A. S

B. P ✓

C. N

D. K

**Q19** General Intelligence and Reasoning

Study the given table and answer the question that follows.

The table represents the number of Rajasthani, Chinese and Gujarati dishes sold by three different restaurants (N, O and P) in one day.

| Dishes | Restaurant | | |
|---|---|---|---|
| | N | O | P |
| Rajasthani | 410 | 560 | 710 |
| Chinese | 330 | 410 | 370 |
| Gujarati | 190 | 250 | 450 |

What is the ratio of the total number of dishes sold by 'O' to the total number of dishes sold by 'P'?

A. 122 : 153 ✓

B. 153 : 122

C. 182 : 171

D. 171 : 182

**Q20** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

LGE : QLJ
KRB : PWG

A. PUN : KFD

B. SQG : HJT

C. WSN : RNJ

D. CTJ : HYO ✓

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**Q21** General Intelligence and Reasoning

A certain number of people are sitting in a straight line facing north. Only one person is sitting between C and R. Only one person is sitting to the left of C. Only two people are sitting to the right of F. R is sitting to the immediate left of F. How many people are sitting in the row?

A. 6

B. 8

C. 5

D. 7 ✓

**Q22** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some teeth are brushes.

All brushes are pastes.

Some pastes are gels.

Conclusions:

(I) Some brushes are gels.

(II) Some teeth are pastes.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows. ✓

C. Both conclusion (I) and conclusion (II) follow.

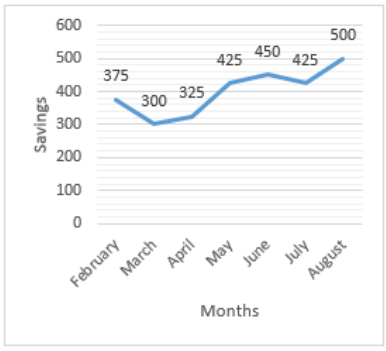
D. Both conclusion (I) and conclusion (II) do not follow.

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**Q23** General Intelligence and Reasoning

The following graph shows the savings of Arvind over the months. Study the graph and answer the question.




What is the average savings of Arvind for all the given months?

A. 380

B. 400 ✓

C. 250

D. 395

**Q24** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

200 119 70 45 36 ?

A. 35 ✓

B. 34

C. 36

D. 37

**Q25** General Intelligence and Reasoning

If the numbers given below are arranged in descending order, then what is the sum of the number which is second from the right and the number which is fifth from the left?

Left 106, 91, 131, 95, 144, 123, 88, 93, 127, 73 Right

A. 194 ✓

B. 216

C. 198

D. 226

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**Q26** General Intelligence and Reasoning

How many such pairs of letters are there in the word 'RIPOSTE' (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. One

B. Two

C. Three

D. More than three ✓

**Q27** General Intelligence and Reasoning

If the first and second, third and fourth, fifth and sixth and so on, letters of the word 'FORMULIZED' are interchanged, then the ninth letter from the left will be:

A. Z

B. D ✓

C. I

D. U

**Q28** General Intelligence and Reasoning

In a certain code language, 'SLEEK' is written as 'QICBI' and 'FROGS' is written as 'DOMDQ'. How will 'HOPES' be written in that language?

A. FNLCQ

B. ELMBP

C. ELKBN

D. FLNBQ ✓

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**Q29** General Intelligence and Reasoning

Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

Eating foods which have been heated in plastic containers causes cancer, therefore it should be avoided.

Assumptions:

(I) Only storing food in plastic containers is not harmful for health.

(II) Non-plastic containers which can be used to heat food are available.

A. Only assumption I is implicit.

B. Only assumption II is implicit. ✓

C. Neither assumption I nor II is implicit.

D. Both assumptions I and II are implicit.

**Q30** General Intelligence and Reasoning

If tomorrow is Sunday, which day of the week will it be after 121 days from today?

A. Monday ✓

B. Tuesday

C. Wednesday

D. Sunday

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Eight friends are sitting around a square table facing the centre. Four of them are sitting at the corners and remaining four are sitting at the exact middle of the four sides. Only Charu is sitting between Karan and Hitesh. Jay is sitting fourth to the left of Laxshita. Alok is sitting second to the left of Laxshita. Siya is sitting to the immediate right of Jay. Karan is sitting fourth to the left of Siya. Rashmi is sitting fourth to the right of Hitesh. Who is sitting to the immediate right of Alok?

A. Siya

B. Jay

C. Hitesh

D. Rashmi ✓

**Q2** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$2.59 \times 1.3 - 4 + 3 = ?$

A. 2 ✓

B. 4

C. 1

D. 0

**Q3** General Intelligence and Reasoning

In a certain code language, 'QUILT' is written as 'RXJOU' and 'BLEAK' is written as 'COFDL'. How will 'CHAIR' be written in that language?

A. DJCLT

B. DJBKT

C. DBLKS

D. DKBLS ✓

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**Q4** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

7 : 52 :: 11 : ? :: 9 : 84

A. 124 ✓

B. 119

C. 152

D. 132

**Q5** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(1, 3, 4)

(8, 24, 18)

A. (8, 13, 10)

B. (19, 25, 12)

C. (10, 23, 15) ✓

D. (8, 14, 10)

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**Q6** General Intelligence and Reasoning

Study the given bar-graph and answer the question that follows.

The bar-graph depicts the number of tickets booked for Delhi and Mumbai by Airlines P, Q and R.




The total number of tickets booked for Mumbai by Airlines Q and R was what per cent more than the number of tickets booked for Delhi by Airline R?

A. 50%

B. 200%

C. 100% ✓

D. 150%

**Q7** General Intelligence and Reasoning

The given statements are followed by three conclusions. Find out which conclusion is true based on the given statements.

**Statements:**

$L > M = N \geq O, P \geq Q \leq R = O$

**Conclusions:**

I. $N \geq O$

II. $L > R$

III. $M \geq Q$

A. Only conclusion I is true

B. Only conclusion II is true

C. Only conclusion III is true

D. All conclusions I, II and III are true ✓

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**Q8** General Intelligence and Reasoning

Each vowel in the word HOCKEY is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter thus formed is arranged in alphabetical order, which letter will be fourth from the right?

A. J

B. G ✓

C. P

D. F

**Q9** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. Only three people sit between F and C. D sits second to the right of C. A sits third to the left of F. Only one person sits between D and B. If no other person is sitting in the row, what is the total number of persons seated?

A. 11

B. 14

C. 10

D. 12 ✓

**Q10** General Intelligence and Reasoning

If 1 is added to each digit of the number 870548362, what will be the sum of the fourth, fifth and sixth digit when counted from left?

A. 17

B. 24

C. 16

D. 20 ✓

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**Q11** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All plums are guavas.

Some plums are mangoes.

No plum is a kiwi.

Conclusions:

I. Some guavas are kiwis.

II. Some mangoes are kiwis.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows ✓

D. Both conclusions I and II follow

**Q12** General Intelligence and Reasoning

Which two signs should be interchanged to make the following equation correct?

$$[\{(15+3)-(4\times 2)\}\div(4-6)]\times 5=10$$

A. $\times$ and $+$

B. $+$ and $-$ ✓

C. $\times$ and $\div$

D. $+$ and $\div$

**Q13** General Intelligence and Reasoning

Kiran starts from Point A and drives 4 km towards the east. He then takes a right turn, drives 9 km, turns left and drives 5 km. He then takes a left turn and drives 17 km, takes a left turn and drives 14 km. He then turns left, drives 8 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 9 km towards the south

B. 12 km towards the west

C. 6 km towards the east

D. 5 km towards the east ✓

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**Q14** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

(Left) B E S U Y N O A P S B G S A X T G (Right)

How many letters are there in the English alphabetical series between the letter which is sixth from the left end and the letter which is fifth from the right end of the given series?

A. 3

B. 4 ✓

C. 5

D. 6

**Q15** General Intelligence and Reasoning

Bansi starts from Point A and drives 18 km towards the west. He then takes a left turn, drives 8 km, turns right and drives 3 km. He then takes a right turn and drives 4 km, takes a right turn and drives 21 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 4 km towards the north ✓

B. 4 km towards the south

C. 6 km towards the east

D. 8 km towards the south

**Q16** General Intelligence and Reasoning

A, B, C, D, E,F and G are seven students standing in a row facing North. D stands at the exact centre of the row. A stands second from the right end of the row. B stands second to the left of D. G stands exactly between D and A. F stands third from the left end of the row. C is the immediate neighbour of B. Who stands fifth from the left end of the row?

A. E

B. F

C. A

D. G ✓

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**Q17** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement : $I > Q > P \geq S = U < M \leq Z$

A. $Q > S$

B. $Z > U$

C. $I < P$ ✓

D. $P \geq U$

**Q18** General Intelligence and Reasoning

In a certain code language, 'ASIDE' is written as 'CVMIK' and 'ARRAY' is written as 'CUVFE'. How will 'BOUND' be written in that language?

A. DRYJS

B. DRSJY

C. DRJSY

D. DRYSJ ✓

**Q19** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

1.1 ? 3.3 4.4 5.5

A. 2

B. 1.1

C. 3.3

D. 2.2 ✓

**Q20** General Intelligence and Reasoning

Six workers with the initials C, E, G, J, L and M are sitting around a circular table, facing the centre and at equal distance from each other, not necessarily in the same order. J sits at the immediate right of E. E sits second to the left of M. L sits at the left of E. G sits second to the left of L. C sits at the immediate left of L. M sits at the immediate left of G. Who sits second to the left of E?

A. G

B. J

C. M

D. C ✓

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**Q21** General Intelligence and Reasoning

Which of the following is NOT a leap year?

A. 2800

B. 2200 ✓

C. 6800

D. 3600

**Q22** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. Only four people are sitting to the left of C. Only three people are sitting to the right of B. A is sitting fourth to the left of B. A is sitting fourth to the right of E. C is sitting third to the left of E. If no other person is sitting in the row, what is the total number of persons seated?

A. 24

B. 19 ✓

C. 21

D. 23

**Q23** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Statement –

Price of onions has increased by 60 percent due to shortage of onions in the market.

Conclusion –

I. Government can consider importing onions to bring down prices.

II. People must stop eating onions and switch to potatoes instead.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Neither conclusion I nor II follows

D. Both conclusions I and II follow

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**Q24** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

Z A _ _ X C _ _ C D _ A Y B X _ A B C _ Z _ Y B _ C A _ _ D

A. Y B A C B C D A X A C

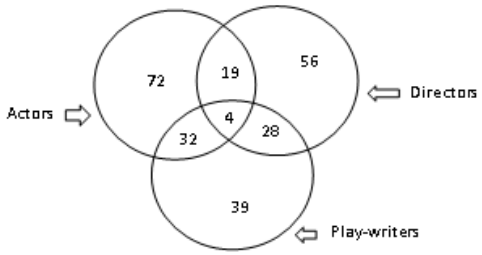
B. Y B A A Z B D A Y B C

C. Y B A B Z C D A X B C ✓

D. Y B D B A C D B X B C

**Q25** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such actors are there who are also directors but NOT play-writers?

A. 19 ✓

B. 4

C. 32

D. 23

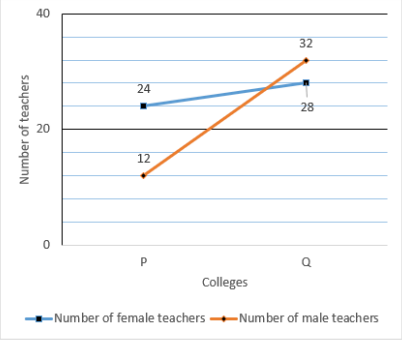
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## Q26 General Intelligence and Reasoning

Study the given line graph and answer the following question.

The given line graph depicts the number of teachers (male and female) in two colleges P and Q.




The number of female teachers in college P is what percentage of male teachers in college Q?

A. 75% ✓

B. 80%

C. 85%

D. 90%

## Q27 General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word BRACKET is arranged in alphabetical order?

A. Two ✓

B. Zero

C. One

D. Three

## Q28 General Intelligence and Reasoning

XS 18 is related to SN 22 in a certain way. In the same way, KN 28 is related to FI 32. To which of the following is PH 44 related following the same logic?

A. KC 47

B. KC 48 ✓

C. CK 48

D. CK 74

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**Q29** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

All apples are papayas

Some papayas are berries

Some berries are cherries

**Conclusions:**

(I) Some berries are papayas

(II) All papayas are apples

(III) Some cherries are berries

A. Only conclusion I follows

B. Only conclusion II follows

C. Both conclusions I and III follow ✓

D. None of the conclusions follow

**Q30** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

5, 24, 61, 122, 213, ?

A. 320

B. 334

C. 340 ✓

D. 350

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

24 : 144 :: 16 : ? :: 8 : 48

A. 93

B. 95

C. 96 ✓

D. 94

**Q2** General Intelligence and Reasoning

Laxmi walks 12 m towards the east. She turns left and walks 5 m. She again turns left to walk 12 m. Finally, she turns left and walks 5 m. In which direction is she facing by the end of her walk? (All turns are 90 degree turns only)

A. East

B. West

C. North

D. South ✓

**Q3** General Intelligence and Reasoning

Five girls, M, N, O, P, and Q are sitting around a circular table facing the centre. P is an immediate neighbour of M and N. Q is second to the left of P. N and Q are the immediate neighbours of O. Who is sitting third to the right of Q?

A. N ✓

B. M

C. O

D. P

**Q4** General Intelligence and Reasoning

What will come in the place of '?' in the following equation, if '+' and ' – ' are interchanged and also '×' and '÷' are interchanged?

55 +34 × 17 ÷ 7 – 51 = ?

A. 85

B. 90

C. 91

D. 92 ✓

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**Q5** General Intelligence and Reasoning

Seven people (L, M, N, O, P, Q, and R) are sitting in a straight row, facing north. L sits third to the left of Q. Only two people sit to the left of L. M sits second to the left of Q. P is an immediate neighbour of O and L. Only two people sit between P and N. Who sits at the extreme right end of the row?

A. R ✓

B. Q

C. N

D. M

**Q6** General Intelligence and Reasoning

How many 5s are there in the following sequence which is immediately followed by 7 and immediately preceded by 8 ?

8 5 7 4 3 2 7 5 6 9 8 5 7 8 5 7 4 5 7 6 8 6 9 8 5 7 9 3

A. Three

B. Four ✓

C. Five

D. Two

**Q7** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some balloons are flowers.

All flowers are colours.

All colours are rainbows.

Conclusions:

(I) All flowers are rainbows.

(II) Some balloons are colours.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Both conclusion (I) and conclusion (II) follow. ✓

D. Both conclusion (I) and conclusion (II) do not follow.

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**Q8** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. Only three people sit between P and Q. N sits second to the left of P. L sits to the immediate left of N. M sits second to the left of L. M is not an immediate neighbour of Q. If no other person is sitting in the row, what is the total number of persons seated?

A. 8

B. 11

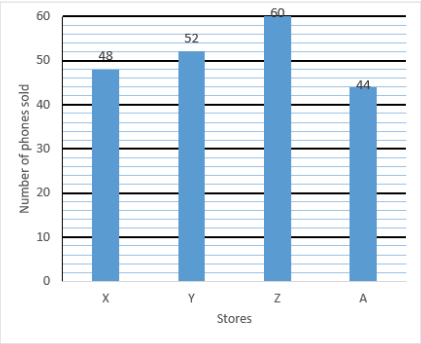
C. 9

D. 10 ✓

**Q9** General Intelligence and Reasoning

Study the given bar graph and answer the following question.

The given bar graph depicts the number of phones sold by stores X, Y, Z and A.




What is the total number of phones sold by the given four stores?

A. 206

B. 204 ✓

C. 208

D. 210

**Q10** General Intelligence and Reasoning

If '+' means '–' , '–' means '×' , '×' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?

$15 - 2 \div 90 \times 9 + 10 = ?$

A. 29

B. 30 ✓

C. 28

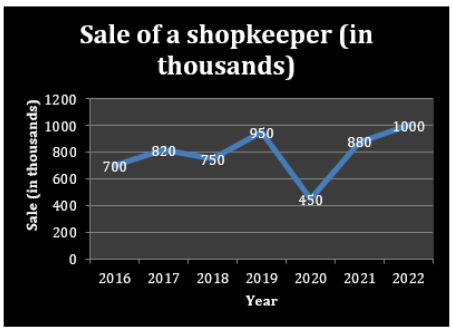
D. 32

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**Q11** General Intelligence and Reasoning

The given line graph shows the sale of a shopkeeper (in thousands) from the year 2016 to 2022. Study the graph and answer the question that follows.




The sale in 2020 is what percentage of sale in 2021?

A. 61.73%

B. 73.08%

C. 51.13% ✓

D. 59.31%

**Q12** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(17, 4913, 3)

(9, 6561, 4)

A. (16, 1536, 2)

B. (8, 512, 6)

C. (7, 49, 2) ✓

D. (2, 64, 4)

**Q13** General Intelligence and Reasoning

One evening, Rohan walked 1 kilometre on a straight road, then turned left and walked 2 kilometres. Then he took a right turn and walked 1 kilometre again. At that time, he was facing the west direction. In which direction did he start to walk initially? (All turns are 90 degree turns only)

A. North

B. South

C. East

D. West ✓

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**Q14** General Intelligence and Reasoning

In a certain code language, 'QUART' is written as 'RSBPU' and 'LEMON' is written as 'MCNMO'. How will 'JUMPY' be written in that language?

A. KWNRZ

B. KSNNZ ✓

C. KSMNZ

D. KTNMZ

**Q15** General Intelligence and Reasoning

Select the correct conclusion that can be drawn from the given statements.

**Statements:**

1. $X > Z = C \geq K$

2. $E \geq G \leq H = K$

A. $C \geq E$

B. $X > H$ ✓

C. $Z \geq E$

D. $C < E$

**Q16** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. Z sits second to the right of T. S sits second to the right of V. R sits to the immediate left of T. Only three people sit between K and R. S sits third to the left of K.

If no other person is sitting in the row, what is the total number of people seated?

A. 11

B. 12

C. 13 ✓

D. 14

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**Q17** General Intelligence and Reasoning

In this question, a group of letters is coded using numbers/symbols as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Letters | T | P | J | Q | S | U | E | R | H | A |
|---|---|---|---|---|---|---|---|---|---|---|
| Numbers/Symbols | - | 6 | 8 | % | 7 | @ | 3 | 9 | # | 1 |

Conditions:

(i) If there is more than 1 vowel in the word, all the vowels will be coded as 4.

(ii) If a word has consonants at both ends, both the consonants present at both ends will be coded as 2.

What will be the correct code for EARTH?

A. 349-#

B. 419-#

C. 449-# ✓

D. 319-#

**Q18** General Intelligence and Reasoning

Refer to the following letter, symbol series and answer the question.

(Left) E + Z = D * P B U V @ L & F $ O G Q % & M E ? A (Right)

Which of the following is the tenth letter/symbol to the left of the thirteenth letter/symbol from the left end of the given series?

A. +

B. =

C. Z ✓

D. D

**Q19** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

CRH : APF
TON : RML

A. EKN : YUF

B. UIR : NSH

C. QLF : MBV

D. IWZ : GUX ✓

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**Q20** General Intelligence and Reasoning

Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All valleys are mountains.

Some mountains are hills.

Some hills are plateaus.

**Conclusions:**

I. Some plateaus are mountains.

II. Some valleys are plateaus.

III. Some mountains are valleys.

A. Only conclusions I and II follow

B. Only conclusionsI and III follow

C. Only conclusions II and III follow

D. Only conclusion III follows ✓

**Q21** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given number series?

99, 92, 83, 76, 67, ?

A. 58

B. 62

C. 60 ✓

D. 54

**Q22** General Intelligence and Reasoning

If '×' means '÷', '÷' means '+', '+' means '−', '−' means '×', what will come in place of the question mark (?) in the following equation?

$2 - (684 + 228 \times 19) \times 21 \div 4 = ?$

A. 60

B. 62

C. 65

D. 68 ✓

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**Q23** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

Some balloons are flowers.

All flowers are colours.

All colours are rainbows.

**Conclusions:**

I. All flowers are rainbows.

II. Some balloons are colours.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows. ✓

C. Both conclusion (I) and conclusion (II) follow.

D. Both conclusion (I) and conclusion (II) do not follow.

**Q24** General Intelligence and Reasoning

Each vowel in the word **COMPLAINED** is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

A. P

B. B ✓

C. K

D. C

**Q25** General Intelligence and Reasoning

This question is based on the seven, three-digit numbers given below.

365, 125, 486, 548, 654, 552, 354

If 3 is added to first digit of every number, in how many numbers will the first digit be exactly divisible by the second digit?

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

A. Four

B. Three ✓

C. Two

D. One

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**Q26** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement : $J > S \geq C > Q \geq T = A < N$

A. $S \geq T$ ✓

B. $C < J$

C. $N > T$

D. $C > A$

**Q27** General Intelligence and Reasoning

Select the number that will replace the question mark (?) in the given series.

1 11 20 28 ?

A. 37

B. 36

C. 35 ✓

D. 34

**Q28** General Intelligence and Reasoning

A statement is given followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of the conclusions logically follow(s) beyond a reasonable doubt from the information given in the statement.

Statement:

The findings according to a recent study on marine life stated that plastic and other non-biodegradable waste material disposed in water bodies is one of the leading causes of harm to sea creatures.

Conclusions:

I. Non-biodegradable materials should not be disposed of in water bodies.

II. More research is being conducted on marine life to better understand sea creatures.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Neither conclusion I nor II follows

D. Both conclusions I and II follow

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**Q29** General Intelligence and Reasoning

Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

AZP 13, DXR 17, GVT 21, JTV 25, ?

A. MSY 29

B. MRY 29

C. MSX 29

D. MRX 29 ✓

**Q30** General Intelligence and Reasoning

In a row of people standing facing north, Vikram stands $11^{th}$ from the left end of the row. His friend Aditya stands $3^{rd}$ from the right end. There are 14 people standing between Vikram and Aditya. How many people are standing in that row?

A. 30

B. 28 ✓

C. 25

D. 32

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Puneet walks 4 m towards the west. He turns right and walks 7 m. He turns left and walks 4 m. He again turns left and walks 7 m. He turns right and walks 3 m. In which direction is he facing now? (All turns are 90 degree turns only)

A. East

B. West ✓

C. North

D. South

**Q2** General Intelligence and Reasoning

Refer to the following number series and answer the question.

(Left) 9 2 3 5 7 8 6 3 2 1 5 6 7 9 4 3 6 3 5 8 2 (Right)

How many such even numbers are there in the series each of which is immediately preceded and followed by an odd number?

A. Three

B. Four

C. Five ✓

D. Six

**Q3** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

7 : 4096 :: 6 : ? :: 4 : 1

A. 245

B. 243 ✓

C. 246

D. 242

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**Q4** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

F G _ C _ I Q _ S F _ S C A I Q _ S F _ S C _ I _ P S

A. S A P G P G A Q ✓

B. S A P G B G A P

C. S A P G P G B Q

D. S A P F B F A P

**Q5** General Intelligence and Reasoning

Six boxes M, N, O, P, Q and R are kept one above the other but not necessarily in the same order. Only 2 boxes are kept below M. Only one box is kept above Q. O is kept at any of the positions above R but not at the topmost position. R is not kept at the bottom most position. N is kept at any of positions below Q. Where is box P kept?

A. 2nd from the bottom

B. 3rd from the bottom

C. 3rd from the top

D. At the topmost position ✓

**Q6** General Intelligence and Reasoning

P, Q, R, S and T live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 5.
P lives immediately below T and immediately above S. P lives on an odd numbered floor. If R is not on the lowermost floor, where does T live?

A. 1st floor

B. 2nd floor

C. 5th floor

D. 4th floor ✓

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**Q7** General Intelligence and Reasoning

A statement is given followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement: $P < Q \leq R < S > T \geq U > V$

**Conclusions:**

1) $T > V$

2) $P < R$

3) $S \geq V$

4) $Q < S$

A. 1

B. 2

C. 3 ✓

D. 4

**Q8** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

40 31.2 23.2 16 9.6 ?

A. 4.2

B. 3.8

C. 4 ✓

D. 3

**Q9** General Intelligence and Reasoning

Select the correct combination of mathematical signs that can sequentially replace the * and balance the given equation.

32 * 16 * 8 *2 * 3 * 5 * 5

A. −, +, ×, =, ÷, +

B. −, +, ÷, ×, =, +

C. +, −, ÷, ×, =, +

D. −, +, ÷, =, ×, + ✓

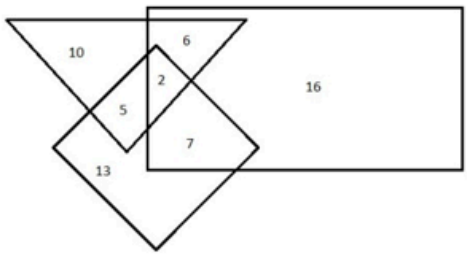
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**Q10** General Intelligence and Reasoning

In the following Venn diagram, the rectangle represents 'fruits', the triangle represents 'sour tasting eatables', and the square represents 'yellow coloured eatables'.

Select the option which represents the number of sour tasting yellow fruits.




A. 6

B. 2 ✓

C. 5

D. 7

**Q11** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$3.01^3 \div 2.99 \times 6.01 = ?$

A. 54 ✓

B. 46

C. 36

D. 64

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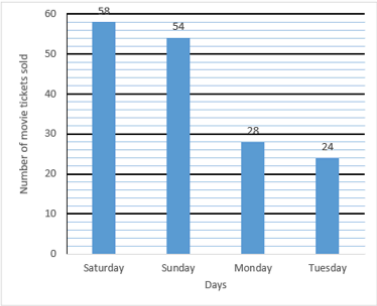
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## Q12 General Intelligence and Reasoning

Study the given bar graph and answer the following question.

The given bar graph depicts the number of movie tickets sold on four days.




If the average number of tickets sold on Monday, Tuesday and Wednesday was 31, what was the number of tickets sold on Wednesday?

A. 39

B. 43

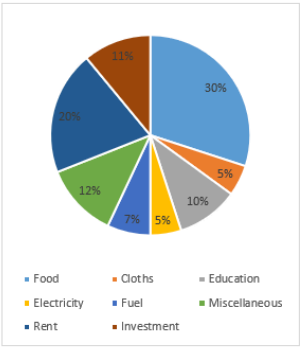
C. 41 ✓

D. 45

## Q13 General Intelligence and Reasoning

The given pie chart shows the expenses of a family in a month.

Read the chart and answer the question that follows.




What is the central angle for total expenditure on fuel, miscellaneous and investment?

A. 100°

B. 102°

C. 108° ✓

D. 98°

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**Q14** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

ADG : EHK
TJF : XNJ

A. KOH : OSL ✓
B. FJW : HLZ
C. IPD : RKW
D. JQR : NTV

**Q15** General Intelligence and Reasoning

A statement is given, followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Kids should be allowed to use mobile phones from an early age.

Arguments:

I. Continuous use of mobile phone causes distraction for the kids.

II. A lot of educational apps encourage playful competition among kids while enhancing the way they learn new ideas.

A. I weakens, while II strengthens the statement ✓
B. II weakens, while I strengthens the statement
C. Both I and II weaken the statement
D. Both I and II strengthen the statement

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**Q16** General Intelligence and Reasoning

A statement is given followed by four conclusions. Find out which conclusion is INCORRECT based on the given statement.

Statement: $S > W = T < L < O \leq R$

Conclusions:

1. $W < R$

2. $S > L$

3. $W < O$

4. $T < S$

A. 1

B. 2 ✓

C. 3

D. 4

**Q17** General Intelligence and Reasoning

Town X is west of town Y. Town Q is north of X. Town P is east of Q and north-west of Y. What is the position of town P with respect to X?

A. North-west

B. North-east ✓

C. East

D. South-west

**Q18** General Intelligence and Reasoning

Seven boxes E, F, G, H, I, J and K are kept one over the other but not necessarily in the same order. Only three boxes are kept between F and J. Neither G nor I is kept at the top. Only H is kept between G and I. K is kept immediately below J. Only one box is kept above F. How many boxes are kept between H and K?

A. Four

B. One

C. Two ✓

D. Three

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**Q19** General Intelligence and Reasoning

Each vowel in the word 'REASON' is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter of the word thus formed is arranged in alphabetical order, which letter will be fourth from the left?

A. F

B. M

C. P ✓

D. Q

**Q20** General Intelligence and Reasoning

If the time in the mirror image of a 12-hour clock is 3:25, what is the actual time?

A. 7:45

B. 9:35

C. 8:35 ✓

D. 8:45

**Q21** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the given table and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number / Symbol | $ | 3 | @ | 8 | % | 2 | # | & | 6 | Ψ | π | 7 | 5 | ϕ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | A | V | L | K | R | M | B | F | N | T | E | C | S | W |

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

Ψ62%85

A. SNLRBT

B. TNBRLS

C. TNMRKS

D. SNMRKT ✓

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**Q22** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given number series?

29, 30, 34, 43, 59, ?

A. 82

B. 86

C. 84 ✓

D. 79

**Q23** General Intelligence and Reasoning

Seven boys, M, N, O, P, Q, R and S, are sitting around a circular table facing the centre. Exactly two boys sit between S and N, to the right of S. P is an immediate neighbour of M and S. R is second to the right of P and to the immediate right of S. N is an immediate neighbour of Q and O. If O is third to the left of M, where is Q seated?

A. To the immediate left of P

B. Fourth to the left of P

C. Third to the left of P

D. Second to the left of P ✓

**Q24** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/Symbol | 3 | # | 6 | 4 | @ | $ | 7 | 2 | % | 5 | = | 9 | 8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | T | H | J | K | M | P | U | D | U | E | W | V | S |

Conditions:

(i) If the first element is a symbol and the last, a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last, an even number, the first and last elements are to be coded as ©

(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

Decode %$7#8 using the above information.

A. SPUHU ✓

B. UPUHS

C. SKUHU

D. SPIHU

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**Q25** General Intelligence and Reasoning

Six students are sitting around a circular table facing the centre. Taran is an immediate neighbour of Karam and Viraj. Param is sitting second to the right of Taran. Sunny is an immediate neighbour of Param and Manjit. Karam is sitting second to the right of Sunny. Who is an immediate neighbour of Sunny and Viraj?

A. Param ✓

B. Taran

C. Karam

D. Manjit

**Q26** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$2.33 - 4.12 + 6.13 \times 11.3 = ?$

A. 106

B. 43

C. 64 ✓

D. 39

**Q27** General Intelligence and Reasoning

Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All flowers are white.
2. Some flowers are dark.
3. All darks are blue.

Conclusions:

I. Some whites are blue.

II. All darks are white.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Both conclusions I and II follow

D. Neither conclusion I nor II follows

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**Q28** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(22, 49, 568)

(25, 45, 560)

A. (30, 15, 225)

B. (33, 38, 568) ✓

C. (18, 27, 225)

D. (15, 33, 240)

**Q29** General Intelligence and Reasoning

This question is based on the five three-digit numbers given below.

423 875 652 246 168

(Example - 697 – First digit = 6, second digit = 9 and third digit = 7)

What will be the resultant, if third digit of the second greatest number is added to the second digit of the smallest number?

A. 8 ✓

B. 10

C. 13

D. 11

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**Q30** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: 1. Some classical dancers are students.

2. Rama is a classical dancer.

3. Sohan is a student of class X.

Conclusions : (I) Sohan is not a classical dancer.

(II) Rama is a student.

A. Only conclusion II follows.

B. Only conclusion I follows.

C. Both conclusions I and II follow.

D. None of the conclusions definitely follow. ✓

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Sujoy starts from Point A and drives 11 km towards the east. He then takes a left turn, drives 5 km, turns left and drives 7 km. He then takes a left turn and drives 13 km, takes a right turn and drives 4 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 4 km towards the north

B. 8 km towards the south

C. 6 km towards the south

D. 8 km towards the north ✓

**Q2** General Intelligence and Reasoning

Refer to the given number, symbol series and answer the question that follows.

(Left) 2 @ 1 ø $ λ £ 5 3 & 9 # * 2 @ 6 7 & % 3 £ 2 & 1 5 (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a number?

A. 1

B. 2

C. 3 ✓

D. 4

**Q3** General Intelligence and Reasoning

If 2 is added to each even digit and 3 is added to each odd digit in the number 4311253, what will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

A. 9

B. 12 ✓

C. 11

D. 15

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**Q4** General Intelligence and Reasoning

In this question, a statement is followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of them logically follow(s) beyond a reasonable doubt from the information given in the statement.

**Statement:**

Radha knew that watermelon always tastes good in summer. The one she bought today was tasteless.

**Conclusions:**

I. It is not summer season at present.

II. The shopkeeper has cheated Radha.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Neither conclusion I nor II follows

D. Both conclusions I and II follow

**Q5** General Intelligence and Reasoning

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1374856, which of the following digits will appear more than once in the new number thus formed?

A. Only 8

B. 4, 6 and 8

C. 2, 4 and 6 ✓

D. Both 6 and 7

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**Q6** General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

**Statements:**

All grapes are apples

No apple is a pine

All pines are cones

**Conclusions:**

(I) No cone is a grape

(II) No grape is a pine

(III) Some cones are apples

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Both conclusion I and conclusion II follow

D. None of the conclusions follow

**Q7** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) 9 C W 7 S K T @ B 1 6 L C S 8 & J F 2 % U D 7 P 5 * 4 V Z ? A (Right)

If all the elements that are on the prime number position in the above series are to be dropped, then which of the following elements will be 18th from the left end?

A. K

B. F

C. 4 ✓

D. P

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**Q8** General Intelligence and Reasoning

Refer to the following number series and answer the question that follows.

4 3 7 9 2 5 6 8 7 9 1 5 3 9 2 4 3 5 9

How many such odd digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an even digit?

A. Four

B. Three

C. Two ✓

D. One

**Q9** General Intelligence and Reasoning

Kritika walks 6 m towards the south. She turns right to walk 6 m. She turns left and walks 5 m. She again turns left and walks 6 m. Again she turns left and walks 5 m. In which direction is she facing now? (All turns are 90 degree turns only)

A. North ✓

B. West

C. South

D. East

**Q10** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(4, 17, 33)
(5, 34, 59)

A. (6, 82, 118) ✓

B. (9, 19, 37)

C. (3, 45, 51)

D. (27, 13, 28)

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**Q11** General Intelligence and Reasoning

Each of the digits in the number 7235491 is arranged in ascending order from left to right. What will be the sum of the digits that will remain unchanged as compared to that in the original number?

A. 17

B. 14

C. 9

D. 5 ✓

**Q12** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number / Symbol | $ | 3 | @ | 8 | % | 2 | # | & | 6 | φ | π | 7 | 5 | ϕ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | A | V | L | K | R | M | B | F | N | T | E | C | S | W |

**Conditions:**

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©

(iii) If both second and fourth elements are multiples of 3, both second and fourth elements are to be coded as the code for the second element.

**#376φ%**

A. KVCVWB

B. BVCVTR ✓

C. ©ACAS©

D. BVCTRV

**Q13** General Intelligence and Reasoning

Based on the given statement, four conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $L < W > X = V > B \geq E$

A. $X < E$

B. $W > B$ ✓

C. $L = E$

D. $W = V$

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**Q14** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

VPR 3, TNP 7, RLN 11, ?, NHJ 19

A. PLJ 13

B. PJL 15 ✓

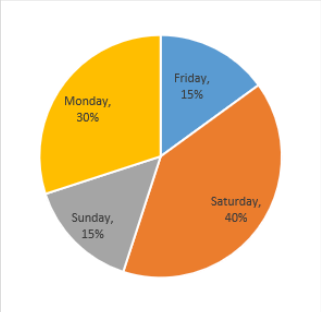
C. PJL 13

D. PLJ 15

**Q15** General Intelligence and Reasoning

Study the given pie-chart and answer the question that follows.

The pie-chart depicts the percentage of children who visited a playground on 4 days, out of the total number of children (which is 40) who visited the playground on the given 4 days together.




If the price of the entry ticket for the playground was ₹25 for each child, what was the amount collected on Sunday?

A. ₹250

B. ₹200

C. ₹150 ✓

D. ₹300

**Q16** General Intelligence and Reasoning

Six teachers are sitting around a circular table facing the centre. Tommy is sitting second to the right of Priya. Oliver is sitting second to the left of Kavita. Oliver is an immediate neighbour of both Priya and Veena. Sagar is sitting second to the right of Kavita. Who is an immediate neighbour of both Sagar and Kavita?

A. Priya

B. Veena

C. Tommy ✓

D. Oliver

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**Q17** General Intelligence and Reasoning

Select the option that is related to the fifth term in the same way as the fourth term is related to the third term and the second term is related to the first term.

SPACE : URCEG :: PLANET : RNCPGV :: MACHINE : ?

A. OCEJKPG ✓

B. OCEFGPG

C. KYAJKPG

D. KYAFGLC

**Q18** General Intelligence and Reasoning

Amongst six friends P, Q, R, S, T and U, each has a different height. P is taller than only three other friends. R is taller than only one friend. S is taller than R but shorter than U. T is taller than U. Who is the second tallest among all the friends?

A. Q

B. S

C. U ✓

D. T

**Q19** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

233, 404, 575, 746, 917,?

A. 1078

B. 1088 ✓

C. 1079

D. 1089

**Q20** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

0, 7, 26, 63, 124, 215, ?

A. 342 ✓

B. 343

C. 344

D. 340

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**Q21** General Intelligence and Reasoning

All 29 students of a class are standing in a straight row facing north. Suresh is $24^{th}$ from the right end, while Bhaskar is $16^{th}$ from the left end. How many students stand between Suresh and Bhaskar?

A. 12

B. 14

C. 9 ✓

D. 6

**Q22** General Intelligence and Reasoning

All 32 students of a class are standing in a straight row facing north. Anand is $6^{th}$ from the right end, while Meena is $14^{th}$ from the left end. How many students stand between Anand and Meena?

A. 8

B. 13

C. 12 ✓

D. 10

**Q23** General Intelligence and Reasoning

Six boxes are kept vertically one above the other. F is kept at an even numbered position from the top but not at the $2^{nd}$ position. B is kept at the bottommost position. Only one box is kept between F and E. C is kept immediately above F. F is kept immediately above A. What is the position of box A from the bottom?

A. $4^{th}$

B. $2^{nd}$ ✓

C. $3^{rd}$

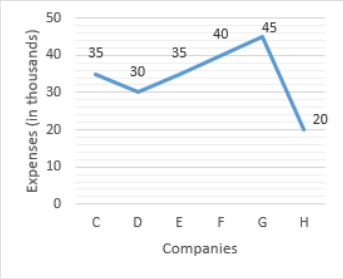
D. $5^{th}$

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**Q24** General Intelligence and Reasoning

The following line graph shows expenditure of different companies in the month of January. Study the graph and answer the question.




What is the respective ratio of the total expenditure of companies C, D and E together to the total expenditure of companies F, G and H together?

A. 11 : 21

B. 100 : 101

C. 20 : 21 ✓

D. 21 : 11

**Q25** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

All wires are metals

All metals are plastics

Some wires are coppers

**Conclusions:**

(I) Some coppers are metals

(II) Some plastics are coppers

(III) No copper is a plastic

A. Only conclusions I and II follow ✓

B. Only conclusions II and III follow

C. Either conclusion I or III follows

D. None of the conclusions follow

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**Q26** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(18, 27, 225)
(15, 33, 240)

A. (22, 49, 568)
B. (25, 45, 560)
C. (33, 38, 568)
D. (30, 15, 225) ✓

**Q27** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**
All potatoes are tomatoes.
All tomatoes are brinjals.
All brinjals are onions.

**Conclusions:**
(I) Some onions are potatoes
(II) All tomatoes are potatoes
(III) No tomato is a potato

A. Only conclusion I follows ✓
B. Only conclusion II follows
C. Either conclusion I or III follows
D. None of the conclusions follow

**Q28** General Intelligence and Reasoning

In a certain code language, 'PROUD' is written as 'RPQSF' and 'FLICK' is written as 'HJKAM'. How will 'TEMPT' be written in that language?

A. VCONV ✓
B. UCNNU
C. VNOCV
D. UDOOU

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**Q29** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

(Left) G H U B Q R P M E N S T A V L M A (Right)

How many vowels are immediately preceded by a consonant and also immediately followed by a consonant?

A. 3 ✓

B. 4

C. 1

D. 6

**Q30** General Intelligence and Reasoning

Six friends, A, B, C, D, E, and F are sitting around a circular table facing the centre. E is the immediate neighbour of B and D. F is to the immediate right of B, and second to the left of C. Where is A seated?

A. Second to the right of D

B. Third to the left of B

C. To the immediate right of F ✓

D. To the immediate right of C

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**General Intelligence and Reasoning** 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Sneha starts walking 5 m towards the east. She turns right and walks 5 m. Then she takes a left, walks 4 m and again takes a left. She walks 2 m and then again takes a left. She walks 3 m and then takes a right. She walks 2 m, takes a right again and walks 3 m. In which direction is she facing now? (All turns are 90 degree turns only)

A. West

B. North

C. South

D. East ✓

**Q2** General Intelligence and Reasoning

Among six friends A, B, C, D, E and F, each has a different height. Only two people are shorter than B. Only one person is taller than A. E is neither the tallest nor the shortest. C is shorter than E but taller than F. Who is the taller than B but shorter than A?

A. D

B. E ✓

C. C

D. F

**Q3** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

M O V E O I F V A S K C O S D V I N S D I N I S

How many such consonants are there each of which is immediately preceded by a vowel and also immediately followed by a vowel?

A. One

B. Two ✓

C. Three

D. Four

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**Q4** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Dogs are Barks.
Some Barks are Trees.
All Trees are Woods.

**Conclusions:**
(I) Some Dogs are Trees.
(II) Some Woods are Barks.

A. Only conclusion (I) follows.
B. Only conclusion (II) follows. ✓
C. Both conclusions (I) and (II) follow.
D. Neither conclusion (I) nor (II) follows.

**Q5** General Intelligence and Reasoning

Each of the digits in the number 7639482 is arranged in ascending order from right to left. The position of how many digits will remain unchanged as compared to that in the original number?

A. None
B. One
C. Two ✓
D. Three

**Q6** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$19.99 - 10.01 + 24.99 \times 10.01 = ?$

A. 260 ✓
B. 265
C. 270
D. 280

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**Q7** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

4 8 35 51 176 ?

A. 234

B. 212 ✓

C. 226

D. 208

**Q8** General Intelligence and Reasoning

All 24 students of a class are standing in a straight row facing north. Amit is 3rd from the right end, while Maria is 3rd from the left end. How many students stand between Maria and Amit?

A. 14

B. 17

C. 16

D. 18 ✓

**Q9** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word PROUDLY is arranged in alphabetical order?

A. Three

B. Two ✓

C. Four

D. One

**Q10** General Intelligence and Reasoning

If each of the letters in the word 'ACQUIRE' is arranged in alphabetical order, then how many letters will be there in the English alphabetical series between the letter that is fifth from the left end and the one that is first from the right end?

A. 2

B. 3 ✓

C. 5

D. 4

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**Q11** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(8, 5, 12)
(2, 6, 22)

A. (5, 9, 19)

B. (9, 12, 23)

C. (17, 8, 11)

D. (1, 6, 23) ✓

**Q12** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

3 30 300 3000 ?

A. 3000

B. 300000

C. 30000 ✓

D. 3000000

**Q13** General Intelligence and Reasoning

In a certain code language, 'FAR' is written as 'SARF' and 'PICK' is written as 'SICKP'. How will 'BLACK' be written in the same code language?

A. SBLACK

B. SKBLAC

C. SLBACK

D. SLACKB ✓

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**Q14** General Intelligence and Reasoning

Read the given statement and conclusions carefully. Assuming that the information given in the statement is true, decide which of the given conclusions logically follow(s) from the statement.

Statement:

Infants born alive before 37 weeks of pregnancy are called Preterm babies.

Conclusions:

I. Babies born before 37 weeks of pregnancy have issues in adjusting properly in the world outside their mother's womb and need to be in a Neonatal Intensive Care Unit for durations varying from a few days to several weeks.

II. Infants born after 37 weeks of pregnancy are called full term babies and are completely healthy.

A. Only conclusion I follows

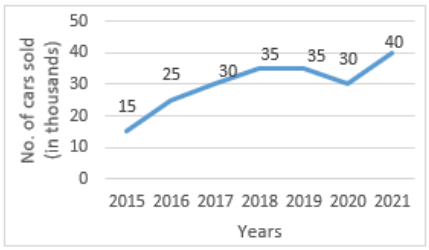
B. Only conclusion II follows

C. Both the conclusions follow

D. Neither conclusion I nor II follows ✓

**Q15** General Intelligence and Reasoning

The following line graph shows number of cars sold by company A over the years. Study the graph and answer the question.




What is the respective ratio of the total cars sold by company A in 2015 and 2017 together to the total cars sold in 2019 and 2021 together?

A. 5 : 3

B. 3 : 13

C. 3 : 5 ✓

D. 13 : 3

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**Q16** General Intelligence and Reasoning

Sudesh starts from point A and drives 9 km towards North. He takes a left turn and drives for 4 km, he then turns right and drives for 2 km. He then turns right and drives for 9 km. He takes a final right turn and drives for 11 km to reach point M. What is the distance between points A and M (all turns are 90 degree turns only)?

A. 4 km

B. 6 km

C. 5 km ✓

D. 2 km

**Q17** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. D lives on an odd numbered floor but not on floor number 3. Only two people live between D and A. C lives immediately above A. Only two people live between C and B. F lives on one of the floors below B but not on the lowermost floor. Who lives on floor number 4?

A. F ✓

B. A

C. C

D. E

**Q18** General Intelligence and Reasoning

Six colleagues are sitting around a circular table facing the centre. Amrita is sitting second to the left of Kavita. Meagan is sitting second to the right of Sabina. Rohan is an immediate neighbour of both Kavita and Amrita. Rochelle is an immediate neighbour of both Meagan and Sabina. Who is sitting to the immediate right of Meagan?

A. Amrita ✓

B. Rohan

C. Rochelle

D. Sabina

**Q19** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

BOOK : YLLP :: NOTE : MLGV :: WORD : ?

A. IWDL

B. DLIW ✓

C. LDWI

D. ILDW

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**Q20** General Intelligence and Reasoning

Four friends R, S, T and U are sitting at the exact centre of the sides of a rectangular table facing the centre (but not necessarily in the same order). R is sitting to the immediate right of S. T is sitting to the immediate left of U.

Which of the following pairs of friends is sitting opposite to each other?

A. S - U

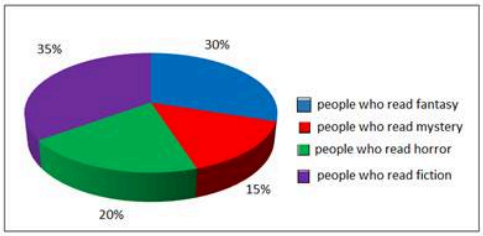
B. R - U ✓

C. R - S

D. T - R

**Q21** General Intelligence and Reasoning

According to a survey. the percentage of people who read different genres books is shown in the following pie-chart. Blue represents people who read fantasy, red represents people who read mystery, green represents people who read horror, and purple represents people who read fiction. Study the pie-chart and answer the question.




The survey was conducted on 80% students of a school. How many students read mystery and horror books if the school has 47,500 students overall?

A. 5,700

B. 12,400

C. 7,600

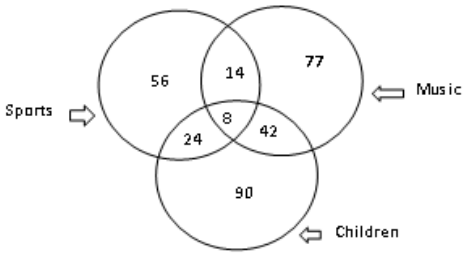
D. 13,300 ✓

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**Q22** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such children are there who like music but NOT sports?

A. 50

B. 42 ✓

C. 56

D. 8

**Q23** General Intelligence and Reasoning

P, Q, R, S, T and U are six different cars, each of a different weight. Q is heavier than only one car. S is heavier than Q. R is heavier than P. T is heavier than S. P is heavier than T. Which car among the six is the heaviest?

A. S

B. R ✓

C. T

D. P

**Q24** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(5, 315, 21)
(9, 486, 18)

A. (12, 560, 11)

B. (10, 480, 16) ✓

C. (7, 294, 21)

D. (8, 368, 23)

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**Q25** General Intelligence and Reasoning

Which of the following two numbers should be interchanged to make the given equation correct?

$3 \times 5 + 20 \div 8 - 17 = 11$

A. 17 and 3

B. 5 and 17

C. 8 and 17

D. 5 and 8 ✓

**Q26** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. R sits third to the right of P. Q is an immediate neighbour of both R and M. M is not an immediate neighbour of P. Exactly four people sit between M and T.
If no other person is sitting in the row, what is the total number of people seated in the row?

A. 9

B. 10

C. 11 ✓

D. 12

**Q27** General Intelligence and Reasoning

Which of the following alphanumeric-clusters will replace the question mark (?) in the given series to make it logically complete?

SU5, UR7, WO11, YL13, ?

A. AO17

B. AN15

C. AI17 ✓

D. AH19

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**Q28** General Intelligence and Reasoning

Study the given series and answer the question that follows (all numbers are single digit numbers only).

4 7 2 1 8 6 9 1 2 5 3 1 9 4 7 1 8 3 5 6 8 2 7 1 8 5 6 9

How many such even digits are there each of which is immediately preceded by a perfect square and immediately followed by an odd digit (NOTE: 1 is also a perfect square)?

A. Two

B. Three

C. Four ✓

D. Five

**Q29** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Baskets are Canes.
Some Canes are Woods.
All Woods are Forests.

**Conclusions:**
(I) All Canes are Forests.
(II) Some Baskets are Woods.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows. ✓

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**Q30** General Intelligence and Reasoning

In this question, a group of numbers/symbols is coded using letters as per the given table and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number / Symbol | $ | 3 | @ | 8 | % | 2 | # | & | 6 | Ψ | π | 7 | 5 | ϕ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | A | V | L | K | R | M | B | F | N | T | E | C | S | W |

Conditions:
(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.
(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.
**72π3@6**

A. NMEVLC

B. ©MCFL©

C. ©MEVL© ✓

D. CMEVLN

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 94387251, what will be the sum of the first, fifth and last digits in the new number thus formed?

A. 12

B. 10

C. 11 ✓

D. 14

**Q2** General Intelligence and Reasoning

Given below are two letter-cluster pairs in which the second letter-cluster is related to the first letter-cluster following a certain logic. Select the letter-cluster pair from among the options that follows the same logic.

CPG : PGC

TJM : JMT

A. UQK : KQU

B. UQK : QUK

C. UQK : QKV

D. UQK : QKU ✓

**Q3** General Intelligence and Reasoning

Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

During winters, the sky is very clear at night.

Assumptions:

I. The sun sets early in the winter months.

II. During winter, it even rains.

A. Only assumption I is implicit

B. Only assumption II is implicit

C. Neither assumptions I nor II is implicit ✓

D. Both assumptions I and II are implicit

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**Q4** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$18.01 \times 3.99 + 9.99 \times 3.99 = ?$

A. 92

B. 112 ✓

C. 84

D. 122

**Q5** General Intelligence and Reasoning

Seven people (E, F, G, H, I, J and K), are sitting in a straight row, facing north. Only three people sit between E and I. Only two people sit to the right of J. E sits third to the left of J. H is an immediate neighbour of E and G. K is not an immediate neighbour of E. Who sits in the exact middle position of the row?

A. G ✓

B. H

C. J

D. I

**Q6** General Intelligence and Reasoning

H, N, P, T, W and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. H lives on an odd numbered floor but not on floor number 3. Only two people live between H and N. P lives on an odd numbered floor above N. Only two people live between P and T. Neither T nor W live on the topmost floor. How many people live below T?

A. More than three

B. Three

C. Two

D. One ✓

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**Q7** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Lipsticks are Red.
Some Red are Pink.
All Lipsticks are Colours.

**Conclusions:**
(I) Some Lipsticks are Pink.
(II) Some Colours are Red.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows. ✓

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

**Q8** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

E _ F G _ E _ F G H E _ G G H _ F G H _

A. EFHHFH

B. EGFHFF

C. EHFFEH ✓

D. EHFGEH

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**Q9** General Intelligence and Reasoning

A group of numbers/symbols is coded using letters as per the table given below and the conditions that follow. The correct combination of codes following the conditions is your answer.

| Number /symbol | 2 | % | 4 | 3 | 5 | $ | @ | 9 | # | + | 8 | ^ | 7 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code Letter | L | D | B | S | G | A | H | K | L | Z | F | X | Q | Y |

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for $ 2 3 % 4 ?

A. BLDSA

B. ASLDB

C. ALSDB

D. BLSDA ✓

**Q10** General Intelligence and Reasoning

How many such pairs of letters are there in the word **PLATE** (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

A. None ✓

B. One

C. Two

D. Three

**Q11** General Intelligence and Reasoning

H, N, P, T, W and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. H lives on one of the floors above floor number 4. Only three people live between H and N. P lives immediately above N. Only three people live between P and T. W lives on one of the odd numbered floors below T. Who lives immediately above Y?

A. T

B. W

C. H ✓

D. N

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**Q12** General Intelligence and Reasoning

If today is Monday the 22nd of January 2020, then what date and day will it be after 100 days from today?

A. 1 May 2020, Monday

B. 2 May 2020, Wednesday

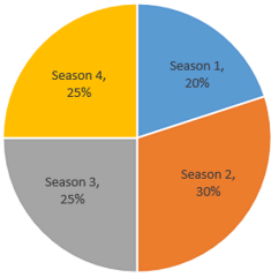
C. 3 May 2020, Thursday

D. 1 May 2020, Wednesday ✓

**Q13** General Intelligence and Reasoning

Study the given pie-chart and answer the following question.

The given pie chart depicts the number of episodes watched of four different seasons (1, 2, 3 and 4). The total number of episodes watched of the four seasons together is 60.




What is the central angle corresponding to the number of episodes watched of season 3?

A. 90° ✓

B. 80°

C. 108°

D. 84°

**Q14** General Intelligence and Reasoning

Six students, A, B, C, D, E and F, participated in one of the International Mathematics Olympiad. Each of them scored different marks. C scored more than D but less than B. E scored less than A. B scored more than A but less than F. C scored less than E. Who scored the maximum marks among the given students?

A. F ✓

B. B

C. A

D. E

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**Q15** General Intelligence and Reasoning

In a class test, a certain number of students got different ranks based on their marks. Vivek is ranked $12^{th}$ from the top and $15^{th}$ from the bottom. How many total students gave the test?

A. 27

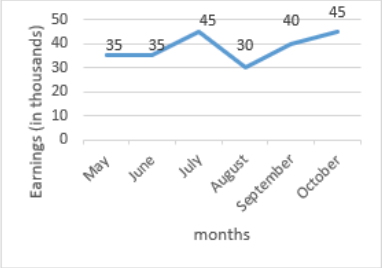
B. 32

C. 26 ✓

D. 35

**Q16** General Intelligence and Reasoning

The following graph shows the earnings of Mr. Rajesh from his grocery shop, over the months. Study the graph and answer the question.




What is the respective ratio of the total earnings in May, June and July together to the total earnings in August, September and October together?

A. 1 : 1 ✓

B. 2 : 1

C. 11 : 21

D. 1 : 2

**Q17** General Intelligence and Reasoning

Vinny starts from Point A and drives 8 km towards the east. He then takes a right turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 17 km. He takes a final left turn, drives 20 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 4 km towards the east

B. 6 km towards the north

C. 8 km towards the south ✓

D. 2 km towards the south

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**Q18** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) Z & U P # 2 9 ! 3 B @ 7 4 S L 5 T 8 5 * X (Right)

If all the numbers are dropped from the series, which of the following will be tenth from the left?

A. L ✓

B. *

C. T

D. $

**Q19** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(4, 11, 31)
(3, 9, 25)

A. (5, 13, 29)

B. (7, 11, 35)

C. (6, 15, 43) ✓

D. (2, 8, 19)

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**Q20** General Intelligence and Reasoning

A statement is given followed by four conclusions. Find out which conclusion is true based on the given statement.

Statement: $P < Q < R \leq S = T \leq U$

**Conclusions:**

1) $Q \leq T$

2) $T > U$

3) $Q \leq U$

4) $S \leq U$

A. 1

B. 2

C. 3

D. 4 ✓

**Q21** General Intelligence and Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 567 243 186 689 427 (Right)

(Example- 123 – First digit = 1, second digit = 2 and third digit = 3)

NOTE - All operations to be done from left to right.

What will be the resultant if the first digit of the second greatest number is added to the third digit of the smallest number?

A. 10

B. 11 ✓

C. 12

D. 13

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**Q22** General Intelligence and Reasoning

Eight friends are sitting around a square table facing the centre. Four of them are sitting at the corners and remaining four are sitting at the exact middle of the four sides. Arhaan is sitting to the immediate left of Sunita. Hari is sitting fourth to the left of Tarini. Tarini is second to the left of Arhaan. Only Daisy is sitting between Tarini and Neelima . Only Prashant is sitting between Hari and Neelima. Yash is sitting fourth to the left of Prashant. Who amongst the following has Tarini and Arhaan as the immediate neighbours?

A. Neelima

B. Yash ✓

C. Daisy

D. Prashant

**Q23** General Intelligence and Reasoning

If 2 is multiplied to each odd digit and 1 is added to each even digit in the number 6311624, what will be the difference between the largest of the digits and the smallest of the digits thus formed?

A. 3

B. 4

C. 6

D. 5 ✓

**Q24** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

2 1.5 1.1 0.8 0.6 ?

A. 0.4

B. 0.5 ✓

C. 0.6

D. 0.3

**Q25** General Intelligence and Reasoning

Town Q is to the south-east of Town P. Town R is to the south-west of Town Q. Town R is to the south of Town P. Town S is to the west of Town R. What is the direction of Town P with respect to Town S?

A. South-west

B. North

C. South-east

D. North-east ✓

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**Q26** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given number series?

87, 88, 80, 107, 43, ?

A. 168 ✓

B. 70

C. 126

D. 98

**Q27** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Watches are Clocks.
All Clocks are Towers.
All Towers are Bricks.

**Conclusions:**
(I) Some Bricks are Watches.
(II) All Clocks are Bricks.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow. ✓

D. Neither conclusion (I) nor (II) follows.

**Q28** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

48 : 16 :: 96 : ? :: 108 : 21

A. 20 ✓

B. 22

C. 21

D. 23

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**Q29** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Pots are Mud.
Some Flowers are Mud.
All Mud are Worms.

**Conclusions:**
(I) Some Flowers are Worms.
(II) Some Pots are Flowers.

A. Only conclusion (I) follows. ✓
B. Only conclusion (II) follows.
C. Both conclusions (I) and (II) follow.
D. Neither conclusion (I) nor (II) follows.

**Q30** General Intelligence and Reasoning

In a certain code language, 'ANGRY' is coded as 'CKIOA' and 'THINK' is coded as 'VEKKM'. How will 'CROWN' be coded in that language?

A. FPRUQ
B. EPRTQ
C. EOQTP ✓
D. FOQUP

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**Q1** General Intelligence and Reasoning

If '×' means '−', '−' means '÷', '÷' means '+', '+' means '×', what will come in place of the question mark (?) in the following equation?

$27 \div 288 + 2 \times 2 \times 22 - 2 = ?$

A. 450

B. 550

C. 420

D. 590 ✓

**Q2** General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

No river is a mountain.

Some mountains are lakes.

All lakes are ponds.

Conclusions:

(I) Some lakes are not rivers.

(II) Some lakes are mountains.

(III) Some ponds are mountains.

A. Only conclusion I follows

B. Only conclusion II follows

C. Either conclusion I or conclusion III follows

D. All the conclusions I, II and III follow ✓

**Q3** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. A sits fourth to the left of D. Only two people sit between P and L. K sits to the immediate left of L. D sits fourth to the left of K. P sits at one of the positions to the right of K. If no other person is sitting in the row, what is the total number of people seated?

A. 13 ✓

B. 14

C. 10

D. 12

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**Q4** General Intelligence and Reasoning

Study the given arrangement of letters and symbols and answer the question that follows:

(LEFT) W & T O ! A L % V E N # J * U D $ I X @ C ^ (RIGHT)

How many such consonants are there in the arrangement each of which is both immediately preceded by a vowel and immediately followed by a symbol?

A. Two

B. Four ✓

C. Three

D. Five

**Q5** General Intelligence and Reasoning

If

P means 'multiplication',

Q means 'subtraction',

R means 'addition', and,

S means 'division',

then 15 S 5 P 10 Q 4 R 2 = ?

A. 28 ✓

B. 29

C. 27

D. 26

**Q6** General Intelligence and Reasoning

R, S, T. U, V and W are six cousins sitting around a circular dinner table facing the centre of the table. U is seated second to the right of S. T is seated to the immediate right of U. R is an immediate neighbour of both W and T. Who is seated to the immediate right of S?

A. W

B. T

C. R

D. V ✓

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**Q7** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

PAIN : APNI :: MODE : OMED :: JUST : ?

A. JTUS

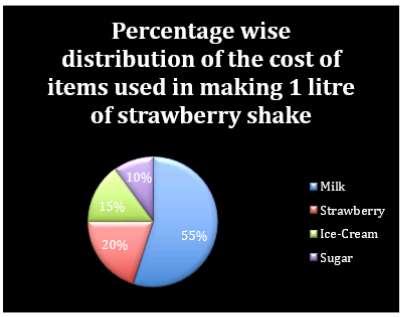
B. SUJT

C. UJTS ✓

D. TUJS

**Q8** General Intelligence and Reasoning

The given pie chart shows the percentage wise distribution of the cost of items used in making 1 litre of strawberry shake. Study the chart and answer the question that follows.




If the total cost in making 3 litres of strawberry shake is ₹1,500, then what is the cost of strawberries in making 1 litre of strawberry shake?

A. ₹120

B. ₹100 ✓

C. ₹150

D. ₹180

**Q9** General Intelligence and Reasoning

In a certain code language, 'BDSHK' is written as 'GHVJL' and 'FGLRU' is written as 'KKOTV'. How will 'ELPHT' be written in that language?

A. JPTJU

B. JPSJU ✓

C. JPSJV

D. JPTJV

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**Q10** General Intelligence and Reasoning

The given table shows the use of chemicals (in litres) in three science laboratories of a school from 2002 to 2006. Study the table and answer the question that follows.

| Year | Laboratory | | |
|---|---|---|---|
| | Biology | Physics | Chemistry |
| 2002 | 52 | 61 | 47 |
| 2003 | 81 | 56 | 51 |
| 2004 | 67 | 49 | 57 |
| 2005 | 91 | 67 | 69 |
| 2006 | 93 | 73 | 72 |

What is the ratio of the total use of chemicals (in litres) in the Biology laboratory to the total use of chemicals (in litres) in the Chemistry laboratory from 2002 to 2006?

A. 48 : 37 ✓

B. 37 : 48

C. 96 : 71

D. 71 : 96

**Q11** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

139 : 150 :: 73 : 84 :: 17 : ?

A. 28 ✓

B. 32

C. 44

D. 25

**Q12** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left)S 3 F X # 7 M T & 8 R 9 Y Z * 2 C G 6 A (Right) .

If all numbers are dropped from the series, which of the following will be sixth from the right?

A. Y ✓

B. R

C. M

D. &

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**Q13** General Intelligence and Reasoning

Amongst six friends, A, D, E, F, K and Z, each has a different height. Only two friends are taller than D. Only four friends are shorter than Z. K is taller than Z. F is immediately shorter than E. A is the shortest among all. Who is the second tallest among all the friends?

A. Z ✓

B. K

C. D

D. E

**Q14** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement : $C > N = R \geq H > Q < S$

A. $S > Q$

B. $C > R$

C. $N \geq H$

D. $C \geq H$ ✓

**Q15** General Intelligence and Reasoning

Five friends, A, B, C, D and E appeared for the same exam and each scored differently. B scored higher than only two of her friends. C did not score the highest, but scored more than B. E scored higher than only D. Who scored the second highest in the exam?

A. C ✓

B. A

C. B

D. E

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**Q16** General Intelligence and Reasoning

Five boxes containing different fruits, namely strawberry, apple, litchi, cherry and pear, are kept one above the other, not necessarily in the same order. The strawberry box is in the exact middle of the stack. The pear box is immediately below the litchi box. Only the apple box is in between the cherry and strawberry boxes. The box at the bottom most position contains pears. Which box is second from the top?

A. Litchi

B. Apple ✓

C. Cherry

D. Pear

**Q17** General Intelligence and Reasoning

The positions of the first and fourth letters in the word 'QUIRKY' are interchanged. Similarly the positions of the second and fifth letters are interchanged and in the same pattern the positions of the third and sixth letters are interchanged. If all letters are counted from left to right, then which letter will be the fourth letter from the right in the word so formed?

A. Y ✓

B. Q

C. K

D. R

**Q18** General Intelligence and Reasoning

A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

A celebrity applies for a gun licence for self-protection after receiving death threats.

**Arguments:**

(I) A popular singer was recently found shot dead immediately after a week of him receiving a death threat letter.

(II) Celebrities are known to misuse their power and many have been convicted for wrongful killing of endangered animals.

A. Argument (I) weakens, while argument (II) strengthens the statement.

B. Argument (II) weakens, while argument (I) strengthens the statement. ✓

C. Both arguments (I) and (II) weaken the statement.

D. Both arguments (I) and (II) strengthen the statement.

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**Q19** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Mice are Rabbits.
All Rabbits are Carrots.
Some Carrots are Oranges.

**Conclusions:**
(I) Some Mice are Carrots.
(II) All Rabbits are Oranges.

A. Only conclusion (I) follows. ✓
B. Only conclusion (II) follows.
C. Both conclusions (I) and (II) follow.
D. Neither conclusion (I) nor (II) follows.

**Q20** General Intelligence and Reasoning

In a certain code language, 'DFGLM' is written as 'EHJPR' and 'HBEKS' is written as 'IDHOX'. How will 'TECKO' be written in that language?

A. UGEOS
B. UGFPT
C. UGFOT ✓
D. UGDOS

**Q21** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

392 : 7 :: 1452 : ? :: 810 : 9

A. 10
B. 15
C. 12
D. 11 ✓

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**Q22** General Intelligence and Reasoning

In the word 'DECORATING', if each vowel is changed to the letter immediately following it and each consonant is changed to the letter immediately following it in the English alphabetical order, then how many vowels will be there in the group of letters thus formed?

A. Three ✓

B. Two

C. One

D. None

**Q23** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

H 16, K 22, N 28, Q 34, T 40, ?

A. V 46

B. W 44

C. V 44

D. W 46 ✓

**Q24** General Intelligence and Reasoning

A, B, C, D, E and F are sitting around a circular table facing the centre. A is sitting second to the left of C. F is sitting to the immediate right of C. D is an immediate neighbour of both A and E. Who is sitting third to the right of E ?

A. B ✓

B. D

C. A

D. C

**Q25** General Intelligence and Reasoning

Yash was facing towards the north and moves 10 m to his right from his home. After that, he turns left and moves 20 m. Then he turns left and move 20 m, and then turns left again and moves 10 m. After that, he again turns left and moves 10 m, and then turns right and moves 10 m. In which direction is he facing now? (All turns are 90 degree turns only)

A. East

B. South ✓

C. North

D. West

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**Q26** General Intelligence and Reasoning

If '+' means '×', '–' means '+', '×' means '÷', and '÷' means '–', what will come in place of the question mark (?) in the following equation?

$4 + 22 \times 2 \div 4 - 9 = ?$

A. 59

B. 110

C. 99

D. 49 ✓

**Q27** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

549, 508, 467, 426, 385, ?

A. 289

B. 320

C. 276

D. 344 ✓

**Q28** General Intelligence and Reasoning

Rekha started walking from her office in the west direction. On traveling a distance of 5 m, she turns to the right and travels a distance of 2 m. She further turns to the right and travels a distance of 7.5 m. She then turns right at 135° and travels a distance of 15 m. In which direction is she facing now?

A. North

B. South

C. North-West

D. South-West ✓

**Q29** General Intelligence and Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

32, 57, 93, 142, 206, ?

A. 216

B. 287 ✓

C. 26

D. 213

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**Q30** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some Ponds are Fishes.

Some Rivers are Fishes.

All Fishes are Tanks.

**Conclusions:**

(I) Some Rivers are Tanks.

(II) Some Ponds are Rivers.

A. Only conclusion (I) follows. ✓

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

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**Q1** General Intelligence and Reasoning

Riya walks 25 m towards north. Then she turns right and walks 30 m, then turns right and walks 40 m. She then turns left and walks 15 m. Finally, she turns left and walks 15 m. In which direction and at a distance of how many metres is she now from the starting point? (All turns are 90° turns only)

A. 15 m, south

B. 45 m, east ✓

C. 45 m, west

D. 15 m, north

**Q2** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some animals are plants.
2. Some plants are birds.
3. No duck is an animal.

Conclusions:

(I) Some ducks are birds

(II) No bird is an animal.

(III) Some animals are birds.

A. Only conclusion III follows.

B. Only conclusion II follows.

C. Both conclusions I and III follow.

D. None of the conclusions follow. ✓

**Q3** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

TRK52, AYR46, HFY40, OMF34,?

A. VTM28 ✓

B. UTN28

C. VTM30

D. UTN30

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**Q4** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. A lives on floor number 5. Only two people live between A and C. Neither D nor B lives on the topmost floor. E lives immediately below C. B does not live on an even-numbered floor. Who lives on floor number 3?

A. A

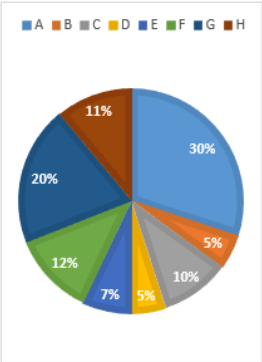
B. C

C. B ✓

D. D

**Q5** General Intelligence and Reasoning

The given pie chart shows the percentage of earnings in different families. Study the chart and answer the question.




What is the central angle for the total earnings of families A, C, D, F, G and H?

A. 234.8°

B. 316.8° ✓

C. 310.7°

D. 302.9°

**Q6** General Intelligence and Reasoning

In a certain code language, 'BOUTS' is written as '54%8#' and 'ULTRA' is written as '%38@9'. How will 'BLARE' be written in that language?

A. 534#2

B. 593#2

C. 543@%

D. 539@2 ✓

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**Q7** General Intelligence and Reasoning

Seven boxes M, N, O, P, Q, R and S are kept one over the other but not necessarily in the same order. Only three boxes are kept above P. Only two boxes are kept between P and M. Only R is kept between S and Q. Only N is kept between O and M. Neither Q nor M is at the top most position. Which box is kept between Q and O?

A. S

B. N

C. R

D. P ✓

**Q8** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
All Buildings are Cements.
All Cements are Powders.
All Powders are Detergents.

**Conclusions:**
(I) All Powders are Buildings.
(II) Some Detergents are Cements.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows. ✓

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

**Q9** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 6.

B lives immediately below C. C lives on an even numbered floor but not on the topmost floor. Only three people live between B and D. A lives immediately above F. Who lives on floor number 4?

A. F

B. C

C. B

D. A ✓

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**Q10** General Intelligence and Reasoning

What time will it be in 58 minutes from now, if the time is 1:20 p.m.?

A. 2:15 p.m.

B. 2:00 p.m.

C. 2:18 p.m. ✓

D. 2:10 p.m.

**Q11** General Intelligence and Reasoning

Study the given number, symbol series and answer the question that follows.

2 $ 3 @ 4 * 7 8 5 3 # 9 1 > 5 & 4 @ 3 $ # 5 * 6 ! 8 2 & 9 < 4 6 # 3 % 2 = 7 8 * 4 > 7

How many such odd numbers are there which are immediately preceded by a prime number and immediately followed by a symbol?

A. None

B. One ✓

C. Two

D. Three

**Q12** General Intelligence and Reasoning

Archit starts from Point A and drives 6 km towards the east. He then takes a left turn, drives 24 km, turns right and drives 8 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 14 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 14 km towards the east

B. 12 km towards the north

C. 16 km towards the south

D. 12 km towards the south ✓

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**Q13** General Intelligence and Reasoning

Refer to the following five 3-letter words and answer the question.

MAY JUG TEN FOR CAN

If in each of the words, each letter is changed to the immediate previous letter in the English alphabetical order, how many words thus formed will have at least one vowel? (Note – A is changed to Z)

A. 4

B. 5

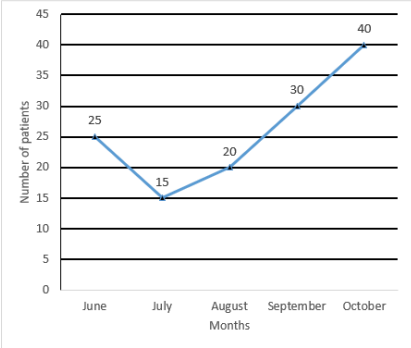
C. 2 ✓

D. 3

**Q14** General Intelligence and Reasoning

Study the given line graph and answer the following question.

The given line graph depicts the number of patients admitted in five months.




What is the total number of patients admitted in the given five months?

A. 120

B. 135

C. 130 ✓

D. 140

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**Q15** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(75, 16, 67)
(33, 14, 26)

A. (28, 72, 64)

B. (40, 56, 96)

C. (88, 54, 76)

D. (29, 6, 26) ✓

**Q16** General Intelligence and Reasoning

This question is based on the five three-digit numbers given below.

573 136 357 442 814

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

If 2 is added to the second digit of every

number, in how many numbers thus formed will the second digit be exactly

divisible by the third digit?

A. None

B. One

C. Two

D. Three ✓

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**Q17** General Intelligence and Reasoning

Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

L J – HF – DB

WU – SQ – OM

A. US – QO – MK ✓

B. SV – XV – TR

C. TR – QS – GI

D. ZW – OR – FC

**Q18** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$29.99 + 15.01 + 44.99 \times 15.01 = ?$

A. 720 ✓

B. 725

C. 735

D. 745

**Q19** General Intelligence and Reasoning

If the numbers given below are arranged in descending order, then what is the difference between the number which is fifth from the right and the number which is fourth from the left?

Left 202, 323, 266, 182, 315, 285, 193, 217, 231, 186 Right

A. 29

B. 37

C. 49 ✓

D. 27

**Q20** General Intelligence and Reasoning

In a certain code language, 'MONKS' is written as 'LMMIR' and 'PRICE' is written as 'OPHAD'. How will 'FROCK' be written in that language?

A. ENPAJ

B. EPNAJ ✓

C. EMPAK

D. EMPAL

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**Q21** General Intelligence and Reasoning

Q, R, S, T, U and V are six family members sitting around a circular table, facing the centre in a restaurant. U is seated to the immediate left of S. V is seated third to the left of Q and is the immediate neighbour of U. R is seated second to the right of S. Who is seated second to the left of U?

A. Q

B. R

C. T ✓

D. V

**Q22** General Intelligence and Reasoning

Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide

which of the conclusions logically follow(s) from the statements.

**Statements:**

All trees are plants.

All leaves are trees.

All greens are leaves.

**Conclusions:**

I. All plants are greens.

II. All trees are leaves.

III. Some plants are leaves.

A. Only conclusion I follows

B. Only conclusion III follows ✓

C. Only conclusions I and II follow

D. Only conclusions II and III follow

**Q23** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

7 : 40 :: 9 : 50 :: 12 : ?

A. 70

B. 65 ✓

C. 105

D. 120

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**Q24** General Intelligence and Reasoning

Seven people - A, C, G, K, M, R and V are sitting in a straight line facing North. As many people sit to the left of A as to the right of A. C sits second to the right of A. Only three people sit between C and G. K is not an immediate neighbour of G. M sits second to the right of K. R does not sit at any of the extreme ends of the line. How many people sit between V and R?

A. More than three

B. Three

C. Two

D. One ✓

**Q25** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

1.6 2.5 3.6 ? 6.4 8.1

A. 8.1

B. 4.8

C. 2.5

D. 4.9 ✓

**Q26** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. B is taller than F but shorter than E. Only one person is shorter than D. Only three people are taller than C. F is not the shortest. Who is the shortest among all the friends?

A. D

B. A ✓

C. C

D. B

**Q27** General Intelligence and Reasoning

Each of the digits in the number 56137428 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. None

B. One ✓

C. Two

D. Three

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**Q28** General Intelligence and Reasoning

Read the given statement and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement.

Statement:

Restaurant X sold more pizzas than burgers in the last month.

Conclusion:

I. Pizzas are better than burgers

II. In Restaurant X, pizza seems to be more popular among buyers than burgers.

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Neither conclusion I nor II follows

D. Both conclusions I and II follow

**Q29** General Intelligence and Reasoning

Select the number that will replace the question mark (?) in the given series.

1 9 22 32 47 ? 76 90 109

A. 64

B. 72

C. 69

D. 59 ✓

**Q30** General Intelligence and Reasoning

In an examination, Raman scored more marks than Prince. Robin scored less marks than Keshav and Deepak. Abhishek scored more marks than Deepak but less marks than Prince. Deepak scored more marks than Keshav. Who scored the third highest marks in the exam?

A. Robin

B. Prince

C. Abhishek ✓

D. Deepak

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**Q1** General Intelligence and Reasoning

A statement is given followed by two possible conclusions numbered I and II. You have to assume everything in the statement to be true and on the basis of it, decide which of the conclusions logically follow(s).

**Statement:**

Playing with mud and butterflies in a garden is more beneficial for small children than watching academic videos on computers or mobile phones.

**Conclusions:**

I. Mobile phones and computers are harmful for small children.

II. Real experiences are more beneficial than virtual experiences for children's development.

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Both the conclusions follow

D. Neither conclusion follows

**Q2** General Intelligence and Reasoning

In a certain code language, 'PROOF' is written as 'OPLKA' and 'BONES' is written as 'AMKAN'. How will 'MINKS' be written in that language?

A. LGKGN ✓

B. LKGKN

C. LHKHO

D. LKHGO

**Q3** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

57 : 39 :: 82 : ? :: 89 : 71

A. 64 ✓

B. 66

C. 62

D. 67

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**Q4** General Intelligence and Reasoning

Seven friends are sitting in a row on a bench facing the north direction. Only Dan is between Leo and Ben. Leo is sitting at the extreme left end of the bench. Harry is third from the right end. Only Peter is sitting between Tim and Harry. Flint is sitting in the exact middle of the row. Who is sitting to the immediate left of Flint?

A. Harry

B. Dan

C. Ben ✓

D. Peter

**Q5** General Intelligence and Reasoning

Vimal starts from Point A and drives 6 km towards North. He then takes a right turn, drives 7 km, turns right and drives 19 km. He then takes a right turn and drives 7 km. He then takes a right turn and drives 8 km, turns right, drives 13 km. He then turns left, drives 5 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 9 km towards South

B. 13 km towards West ✓

C. 6 km towards East

D. 8 km towards South

**Q6** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given number series?

176, 168, 160, 152, 144, ?

A. 138

B. 136 ✓

C. 142

D. 132

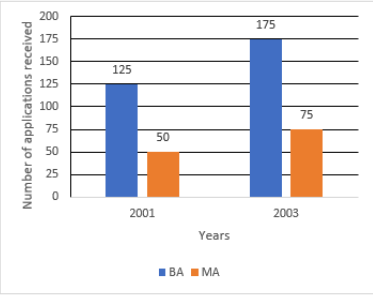
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**Q7** General Intelligence and Reasoning

Study the given bar-graph and answer the question that follows.

The bar-graph depicts the number of applications received for two courses (BA and MA) in 2001 and 2003.




The number of applications received for BA from females in 2001 and 2003 was 73 and 101, respectively.
What was the total number of applications received for BA from males in 2001 and 2003 together?

A. 124

B. 116

C. 126 ✓

D. 128

**Q8** General Intelligence and Reasoning

N, R, S, W, X and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. N lives on floor number 2. No one lives between N and R. Only three people live between R and S. W lives immediately above X. On which floor number does Z live?

A. 6 ✓

B. 5

C. 3

D. 1

**Q9** General Intelligence and Reasoning

Which two numbers from amongst the given options should be interchanged to make the given equation correct?

$382 + 9 \div 4 - 39 \times 172 = 74$

A. 9 and 172 ✓

B. 382 and 39

C. 9 and 4

D. 4 and 172

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**Q10** General Intelligence and Reasoning

Refer to the following number and symbol series and answer the question.

(Left) 8 # 7 * 3 S 9 6 2 @ 7 & 9 % 4 3 7 % & 2 5 ^ 6 (Right)

How many such symbols are there in the series which are immediately preceded by an odd number and also immediately followed by an even number?

A. Two ✓

B. Three

C. Four

D. Five

**Q11** General Intelligence and Reasoning

A group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/symbol | 1 | & | 2 | 9 | * | 7 | 3 | $ | 8 | 5 | 6 | 4 | @ | # |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | B | F | I | K | A | V | S | U | E | Q | C | P | X | T |

Conditions:

(i) If the first element is a symbol and the second element is an even number, the first and the second elements are to be coded as €

(ii) If both the first and the last elements are numbers, the codes for these two (the first and the last elements) are to be interchanged

(iii) If last element is a symbol, the element is to be coded as β

5 @ & 2 7

A. QXFIV

B. VFXIV

C. VXFIQ ✓

D. FXIQV

**Q12** General Intelligence and Reasoning

Suresh starts from Point A and drives 7 km towards the east. He then takes a left turn, drives 4 km, turns right and drives 5 km. He then takes a right turn and drives 10 km, takes a right turn and drives 8 km. He then takes right turn and drives 13 km. He takes a final left turn, drives 4 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 5 km towards the north

B. 7 km towards the south ✓

C. 3 km towards the south

D. 7 km towards the west

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**Q13** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(32, 166, 19)

(49, 230, 17)

A. (37, 186, 21)

B. (36, 186, 20)

C. (36, 186, 21) ✓

D. (36, 187, 21)

**Q14** General Intelligence and Reasoning

A, B, C, D, E, F, G and H live on eight different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 8.

D lives on an even numbered floor but does not live on floor number 4 or 2. Only five persons live between D and A. C lives immediately above A. H lives on floor number 1. Only B lives between the floors of F and D. E does not live on an even numbered floor. How many people live above E's floor?

A. 1

B. 4

C. 3 ✓

D. 2

**Q15** General Intelligence and Reasoning

Six friends L, M, N, O, P and Q live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.

Only O lives on the floor between the floors of M and Q. Only N lives on the floor between the floors of L and P. Q lives on one of the floors above the floor of L. On which floor does O live?

A. 3rd

B. 2nd

C. 5th ✓

D. 4th

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**Q16** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

Y A B U Y H I R J S B R X M P Q S D I R A Y E F G

How many such consonants are there each of which is immediately preceded by a vowel and also immediately followed by a vowel?

A. 1

B. 2

C. 3 ✓

D. 4

**Q17** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All lilies are daisies.

All roses are lilies.

All petunias are lilies.

Conclusions:

I. Some daisies are petunias.

II. Some roses are petunias.

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Neither conclusion I nor II follows

D. Both conclusions I and II follow

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**Q18** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
All Umbrellas are Raincoats.
All Raincoats are Frogs.
Some Raincoats are Water.

**Conclusions:**
(I) Some Frogs are Water.
(II) All Umbrellas are Frogs.

A. Only conclusion (I) follows.
B. Only conclusion (II) follows.
C. Both conclusions (I) and (II) follow. ✓
D. Neither conclusion (I) nor (II) follows.

**Q19** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

YRF : UNB
GLS : CHO

A. TDU : GWF
B. MPL : ILH ✓
C. RJM : TSY
D. OKA : LPZ

**Q20** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement : $L > D = W \geq K > Q < C \leq P$

A. $D \leq Q$ ✓
B. $K \leq D$
C. $L > W$
D. $P > Q$

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**Q21** General Intelligence and Reasoning

Each vowel in the word INTERNAL is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter thus formed is arranged in alphabetical order, which letter will be the fifth from the right?

A. K ✓

B. M

C. J

D. F

**Q22** General Intelligence and Reasoning

A statement is given followed by four conclusions as options. Select which conclusion is true based on the given statement.

Statement: $R > M = N < Q < P = J$

A. $R < Q$

B. $J > M$ ✓

C. $M > P$

D. $P < M$

**Q23** General Intelligence and Reasoning

What will come in the place of '?' in the following equation, if '+' and ' – ' are interchanged and also '×' and '÷' are interchanged?

$100 \times 25 - 10 \div 5 + 24 = ?$

A. 54

B. 40

C. 30 ✓

D. 24

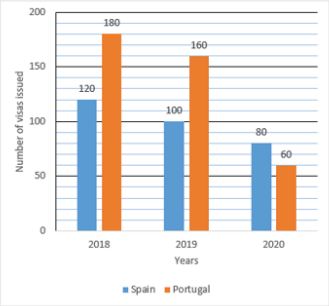
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**Q24** General Intelligence and Reasoning

Study the given bar graph and answer the following question.

The given bar graph depicts the number of visas issued for Spain and Portugal in 2018, 2019 and 2020




What is the respective ratio between the total number of visas issued for both the countries in 2018 and the number of visas issued for Portugal in 2020?

A. 5 : 2

B. 3 : 2

C. 3 : 1

D. 5 : 1 ✓

**Q25** General Intelligence and Reasoning

If the numbers given below are arranged in ascending order, then which number is third from the right?

Left 11, 3, 2, 6, 14, 9, 7, 5, 2 Right

A. 3

B. 7

C. 11

D. 9 ✓

**Q26** General Intelligence and Reasoning

D, E, H, K, M, R, S and W are sitting around a square table facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides.

D sits at one of the corners of the table. E sits second to the left of D. Only three people sit between E and H. Only one person sits between H and M. S sits to the immediate left of M. W is not an immediate neighbour of D. K sits second to the right of R.

As per the given arrangement, ___ sits to the immediate left of R.

A. E ✓

B. D

C. H

D. M

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**Q27** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some roses are geraniums.

2. Some roses are daisies.

3. Some lilies are geraniums.

Conclusions:

I-Some geraniums are daisies.

II-Some lilies are roses.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both conclusions I and II follow.

D. Neither conclusion I nor II follows. ✓

**Q28** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

K H U _ H K _ U S G K H U S _ _ H U S E

A. H S K F

B. S S F K

C. S H F K ✓

D. H F H K

**Q29** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

11, 12, 14, 18, 26, ?

A. 56

B. 34

C. 42 ✓

D. 48

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**Q30** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) S Q 8 J & L N 9 % * K T # 6 2 V 4 @ 5 Z 7 (Right)

How many such symbols are there which are immediately preceded by a number and also immediately followed by a number?

A. Four

B. Three

C. Two

D. One ✓

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**General Intelligence and Reasoning** 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Seven people - N , O, P, S, W, X and Y are sitting in a straight line facing North. N sits fourth to the right of O. Neither N nor O sit at any of the extreme ends of the line. Only one person sits between N and P. S sits third to the right of P. W sits fourth to the right of X. Who sits to the immediate right of Y?

A. O

B. P ✓

C. X

D. N

**Q2** General Intelligence and Reasoning

Six children – 1, 2, 3, 4, 5 and 6 – are in a room, each child having a different height. Only three children are taller than 4. 1 is taller than 3 but shorter than 4. 5 is taller than 2 but not the tallest in the group. Who is the second tallest person among the six children?

A. 6

B. 5 ✓

C. 2

D. 3

**Q3** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

(Left) T S A B N U V T D Q S N M L A L E (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

A. 3

B. 6

C. 4

D. 1 ✓

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**Q4** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

4 12 76 292 804 ?

A. 1000

B. 1804 ✓

C. 2000

D. 2804

**Q5** General Intelligence and Reasoning

Amongst six friends P, Q, R, S, T and U, each has a different height. R is taller than only one friend. Q is taller than only three friends. T is taller than R but shorter than U. U is not the tallest. U is taller than S. Who is the second tallest among all the friends?

A. R

B. T

C. Q

D. U ✓

**Q6** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. All sandals are shoes.

2. Some heels are boots.

3. Some sandals are boots.

Conclusions:

I-Some heels are sandals.

II-Some boots are shoes.

A. Only conclusion I follows.

B. Only conclusion II follows. ✓

C. Both conclusions I and II follow.

D. Neither conclusion I nor II follows.

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**Q7** General Intelligence and Reasoning

P, Q, R, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. Only two people live between P and S. S lives immediately below T. P lives on an even-numbered floor but not on floor number 2. R lives on the topmost floor. Q lives immediately below R. Who lives on floor number 3?

A. P

B. U ✓

C. Q

D. T

**Q8** General Intelligence and Reasoning

In a certain code language, 'TEMPLE' is written as 'QHJSIH' and 'MOSQUE' is written as 'JRPTRH'. How will 'SUPREME' be written in the same code language?

A. PRMOBJB

B. PRMUBPB

C. PXMUBPB ✓

D. PRMOBJH

**Q9** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

8 : 65 :: 12 : 145 :: 13 : ?

A. 169

B. 170 ✓

C. 171

D. 133

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**Q10** General Intelligence and Reasoning

Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

A new holiday-special train has been introduced from Chennai to Patna to cater to the increased demand from passengers during the festival season. This will run on all Wednesdays in the months of September and October.

Assumptions:

I. More people are expected to travel from Chennai to Patna in September and October.

II. The existing trains from Chennai to Patna have been cancelled.

A. Only assumption I is implicit ✓

B. Only assumption II is implicit

C. Neither assumption I nor II is implicit

D. Both assumptions I and II are implicit

**Q11** General Intelligence and Reasoning

Study the given arrangement of letters and answer the question that follows:

(LEFT) N C A H L M W U V G L I Q S P O Z (RIGHT)

How many consonants are there in this arrangement which are immediately preceded by a vowel?

A. Four ✓

B. Six

C. Two

D. Five

**Q12** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

6, 9, 12, 16, 20, 25, ?

A. 30 ✓

B. 35

C. 31

D. 29

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**Q13** General Intelligence and Reasoning

If numbers 8452, 6327, 7524, 4598 and 5691 are arranged in descending order from left to right, than what will the product of third digit of the second number from the right end and second digit of the third number from the left end? (Example- 697 – First digit from left = 6, second digit from left = 9 and third digit from left = 7)

A. 54

B. 48

C. 27 ✓

D. 26

**Q14** General Intelligence and Reasoning

If at 8:45 am, the minute hand of a clock is pointing towards the north, then in which direction will it point at 9:00 pm?

A. North

B. South

C. East ✓

D. West

**Q15** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.

Only one person lives above E. D lives in an odd numbered floor. Only one person lives between E and C. C lives immediately above F. B does not live below A. Who lives on floor number 1 ?

A. F

B. D ✓

C. C

D. B

**Q16** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

77 : 28 :: 89 : ? :: 134 : 47

A. 32 ✓

B. 34

C. 31

D. 35

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**Q17** General Intelligence and Reasoning

Five friends live on five different floors of the same building.The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 5. Sanjay lives on the floor immediately above Namrata. Anshika lives on the third floor. Heena lives on the lowermost floor. Namrata lives on the floor immediately above Anshika. Manvir lives on the floor immediately above Heena. Who lives on the topmost floor?

A. Heena

B. Manvir

C. Namrata

D. Sanjay ✓

**Q18** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$15.32 \div 4.37 + 2.11 \times 14.47 = ?$

A. 50

B. 16

C. 61

D. 32 ✓

**Q19** General Intelligence and Reasoning

In a certain code language, 'ISSUE' is coded as 'NPXRJ' and 'PAINT' is coded as 'UXNKY'. How will 'MEDIA' be coded in that language?

A. PZGDD

B. PBGFD

C. RBIFF ✓

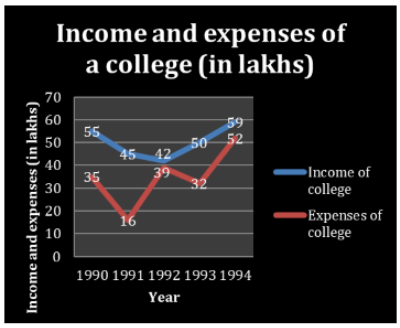
D. RZIDF

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## Q20 General Intelligence and Reasoning

The given line graph shows the income and expenses of a college for different years. Study the graph and answer the question that follows.




What is the percentage increase in income from 1992 to 1993?

A. 19.04% ✓

B. 23.82%

C. 14.03%

D. 38.52%

## Q21 General Intelligence and Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some pens are scooters.

Some crowns are hats.

All balloons are globes.

Conclusions:

(I) All scooters are pens.

(II) Some crowns are globes.

(III) Some balloons are hats.

A. Only conclusion I follows

B. Only conclusion II follows

C. Either conclusion I or conclusion III follow

D. None of the conclusions follow ✓

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**Q22** General Intelligence and Reasoning

If ' + ' means ' − ', ' − ' means ' × ', ' × ' means ' ÷ ', ' ÷ ' means ' + ', what will come in place of the question mark (?) in the following equation?

$102 \div 15 \times 5 - 7 + 10 \times 2 = ?$

A. 116

B. 117

C. 118 ✓

D. 119

**Q23** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) T M % A 8 ? 4 D & S R # Y 7 Z * E 9 = 5 C (Right)

How many such symbols are there which are immediately preceded and immediately followed by a number?

A. None

B. One

C. Two ✓

D. Three

**Q24** General Intelligence and Reasoning

Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

BGH 17, FKL 14, JOP 11, NST 8, ?

A. QVW 5

B. RVW 7

C. RWX 5 ✓

D. SWX 9

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**Q25** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

GKV : IMX
PLR : RNT

A. UKM : TPJ

B. EMH : VXR

C. JWO : LYQ ✓

D. WDZ : JAP

**Q26** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some Fairies are Angels.
Some Fairies are Witches.
All Witches are Brooms.

**Conclusions:**
(I) Some Brooms are Fairies.
(II) Some Witches are Angels.

A. Only conclusion (I) follows. ✓

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

**Q27** General Intelligence and Reasoning

How many such pairs of letters are there in the word HORIZON (in both forward and backward directions) which have as many letters between them as there are in the English alphabetical order?

A. One

B. Two

C. Three

D. Four ✓

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**Q28** General Intelligence and Reasoning

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides. A sits in the middle of one of the sides. B sits third to the right of A. Only three people sit between B and H. C sits second to the left of H. D sits to the immediate right of G. E is not an immediate neighbour of B.

Who sits second to the left of F?

A. E

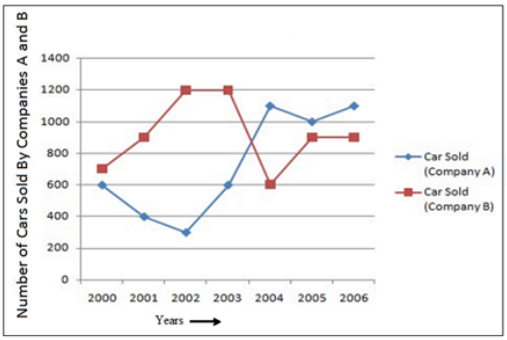
B. D ✓

C. H

D. A

**Q29** General Intelligence and Reasoning

The following graph shows the number of cars sold by two companies A and B over the years. Study the graph and answer the question that follows.




During the year 2003-2004, the sales of cars of Company B declined drastically. Calculate the decrease in the number of cars sold by Company B in year 2004 as compared to the previous year.

A. 400

B. 500

C. 600 ✓

D. 700

**Q30** General Intelligence and Reasoning

Sunny starts from Point A and drives 17 km towards the east. He then takes a right turn, drives 12 km, turns right and drives 8 km. He then takes a right turn and drives 7 km. He takes a final left turn, drives 9 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 5 km towards the north ✓

B. 3 km towards the north

C. 5 km towards the south

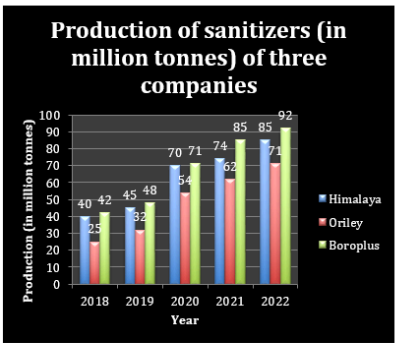
D. 7 km towards the south

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**Q1** General Intelligence and Reasoning

The given bar graph shows the production (in million tonnes) of three different companies making hand sanitizers (Himalaya, Oriley, Boroplus) for 5 years. Study the graph and answer the question that follows.




What is the percentage of increase in the production of sanitizers of company Himalaya from 2018 to 2020?

A. 70%

B. 75% ✓

C. 80%

D. 95%

**Q2** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

12, 60, 65, 325, 330, ?

A. 1670

B. 1680

C. 1600

D. 1650 ✓

**Q3** General Intelligence and Reasoning

Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

VIP : SFM : : TAC : QXZ : : GOD : ?

A. DJA

B. CLA

C. DLA ✓

D. EJA

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**Q4** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some bats are parrots.

All crows are parrots.

All sparrows are parrots.

Conclusions:

I. Some sparrows are bats.

II. Some crows are sparrows.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows ✓

D. Both conclusions I and II follow

**Q5** General Intelligence and Reasoning

If counted from the left, How many letters in the word 'HYDROMAGNETIC' holds the same position in the word as its position in the English alphabetical order?

A. One

B. Two

C. None ✓

D. Three

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**Q6** General Intelligence and Reasoning

Read the given statement and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement.

Statement:

The girls team won 12 out of 17 matches in hockey, but lost 11 out of 19 matches in cricket.

Conclusions:

I. The girls team should play more cricket matches.

II. Girls like hockey more than cricket.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows ✓

D. Both conclusions I and II follow

**Q7** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 6.

C lives immediately below F. C lives on one of the floors above floor number 3. Only two people live between C and B. Only one person lives between E and D. E lives on one of the floors above B. Who lives on floor number 5?

A. A

B. C ✓

C. F

D. E

**Q8** General Intelligence and Reasoning

Study the given series and answer the question that follows (all numbers are single digit numbers only).

5 8 2 7 4 5 9 1 6 3 7 5 6 2 3 9 8 6 1 4 8 1 3 6

How many such even digits are there each of which is immediately preceded by a perfect square and immediately followed by an even digit (NOTE: 1 is also a perfect square)?

A. One

B. Two ✓

C. Three

D. Four

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**Q9** General Intelligence and Reasoning

Vikas starts from Point A and drives 8 km towards the south. He then takes a right turn, drives 3 km, turns right and drives 12 km. He then takes a right turn and drives 5 km. He takes a final right turn, drives 4 km and stops at Point P. What is the distance between Point A and Point P? (All turns are 90° turns only)

A. 2 km ✓

B. 3 km

C. 5 km

D. 4 km

**Q10** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. Only two people sit between R and S. P sits to the immediate left of R. T sits second to the right of S. Q sits second to the left of P. U sits second to the right of T. If no other person is sitting in the row, what is the total number of persons seated?

A. 12

B. 10

C. 11 ✓

D. 9

**Q11** General Intelligence and Reasoning

Six persons (Ram, Tom, Bob, Joy, Sam and Hob) are sitting around a circular table facing the centre. Ram is sitting third to the left of Sam. Joy is sitting third to the left of Tom. Bob is an immediate neighbour of Ram and Joy. Hob is an immediate neighbour of Sam and Tom. If Ram is sitting to the immediate left of Bob, who is sitting third to the right of Ram?

A. Bob

B. Hob

C. Sam ✓

D. Joy

**Q12** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

56 66 59 69 62 ?

A. 72 ✓

B. 82

C. 74

D. 55

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**Q13** General Intelligence and Reasoning

If '+' means '÷', '÷' means '−', '−' means '×', '×' means '+', what will come in place of the question mark (?) in the following equation?

$27 + 3 \div 39 \times 5 - 29 = ?$

A. 131

B. 119

C. 141

D. 115 ✓

**Q14** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(3, 261, 29)

(5, 360, 24)

A. (8, 218, 13)

B. (4, 218, 26)

C. (3, 188, 28)

D. (7, 231, 11) ✓

**Q15** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement : $H < U \leq W = P > Y > E \geq N$

A. $U \leq P$

B. $E < P$

C. $P > N$

D. $H \leq P$ ✓

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**Q16** General Intelligence and Reasoning

One early morning, Mona and Shreya were talking while facing each other. Mona's shadow was directly falling on Shreya. In which direction was Shreya facing towards?

A. North

B. South

C. East ✓

D. West

**Q17** General Intelligence and Reasoning

If '+' means '÷', '÷' means '+', '−' means '×', '×' means '−', what will come in place of the question mark (?) in the following equation?

$32 + 16 \div 24 - 8 \times 180 = ?$

A. 14 ✓

B. 17

C. 13

D. 19

**Q18** General Intelligence and Reasoning

Refer to the following number, symbol series and answer the question.

(Left) 9 7 5 4 8 2 4 7 4 1 % 3 2 1 ^ 5 6 3 8 7 2 3 5 7 *2 4 5 9 3 (Right)

How many even numbers are there between the symbols ^ and *, and what is their total if added together?

A. 3, 16 ✓

B. 2, 12

C. 4, 10

D. 2, 13

**Q19** General Intelligence and Reasoning

H, I. J, K, L, and M are six people sitting around a circular table facing the centre of the table for a group discussion. H is seated second to the right of J. L is seated third to the left of H. M is not the immediate neighbour of K. K is the immediate neighbour of L. Who is seated second to the right of L?

A. I

B. H

C. M ✓

D. K

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**Q20** General Intelligence and Reasoning

In a certain code language, 'LFDCN' is written as 'QJGEO' and 'OGRTV' is written as 'TKUVW'. How will 'DHLRW' be written in that language?

A. ILOTX ✓

B. IMPTX

C. ILPTY

D. ILOTY

**Q21** General Intelligence and Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

V37E, P27H, J19L, ?

A. D13Q ✓

B. E15R

C. C11P

D. E11R

**Q22** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(9, 25, 49)
(121, 169, 225)

A. (966, 104, 128)

B. (81, 121, 169) ✓

C. (64, 88, 72)

D. (8, 27, 64)

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**Q23** General Intelligence and Reasoning

If 3 is added to each odd digit and 2 is subtracted from each even digit in the number 8456514, what will be the sum of the digits which are second from the left and third from the right?

A. 8

B. 10 ✓

C. 9

D. 11

**Q24** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) T # 6 2 V 4 @ Z 5 7 K * % 9 N L & J 8 Q $ (Right)

If all the symbols are dropped from the series, which of the following will be eleventh from the left?

A. N ✓

B. 9

C. L

D. J

**Q25** General Intelligence and Reasoning

A statement is given followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement: $A = B > C \geq D > E < F = G$

**Conclusions:**

1) $A \geq F$

2) $E < G$

3) $B > E$

4) $C > E$

A. 1 ✓

B. 2

C. 3

D. 4

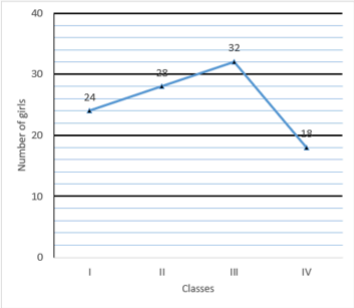
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## Q26 General Intelligence and Reasoning

Study the given line graph and answer the following question.

The given line graph depicts the number of girls in four classes (I, II, III and IV).




If the total number of boys in classes I, II and IV is 27 more than the total number of girls in the same classes, what is the total number of boys in classes I, II and IV?

A. 97 ✓

B. 87

C. 94

D. 85

## Q27 General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. T sits second to the right of Q. Exactly four people sit between T and A, towards the right of T. D is an immediate neighbour of A and E. If E is second to the right of A and no other person is sitting in the row, what is the total number of people seated in the row?

A. 10 ✓

B. 11

C. 12

D. 9

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**Q28** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

All cheetahs are monkeys.

All monkeys are bears.

All bears are jungles.

**Conclusions:**

(I) Some jungles are cheetahs

(II) All monkeys are cheetahs

(III) No monkey is a cheetah

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Either conclusion I or III follows

D. None of the conclusions follow

**Q29** General Intelligence and Reasoning

In a certain code language, 'ACQUIRE' is written as 'QCAUEIR'. How will 'DECLINE' be written in the same code language?

A. CEDLEIN ✓

B. CEDELIN

C. CDELEIN

D. CEDLENI

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**Q30** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some Pens are Blues.

Some Blues are Plastics.

Some Plastics are Inks.

**Conclusions:**

(I) Some Plastics are Pens.

(II) Some Blues are Inks.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows. ✓

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**General Intelligence and Reasoning** 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

In a certain code language, 'BLAME' is written as '4%5@2' and 'MEDIA' is written as '@2Ω95'. How will 'DELTA' be written in that language?

A. 92SΩ5

B. 2Ω%53

C. Ω2%35 ✓

D. 92%35

**Q2** General Intelligence and Reasoning

Select the combination of letters that when placed from left to right in the same sequence in the blanks of the given series will complete the series.

MN_ _LMM_ _PLM_ _NP_MMNN_ _M

A. NNNNMNLPL

B. NPNNMNLPL ✓

C. NPNNMNLPP

D. MPNNMNLPL

**Q3** General Intelligence and Reasoning

Ram is to the south-west of Abhishek. Arjun is to the north of Ram as well as to the west of Abhishek. Pooja is to the west of Arjun. What is the position of Pooja with respect to Abhishek?

A. West ✓

B. North-East

C. South-West

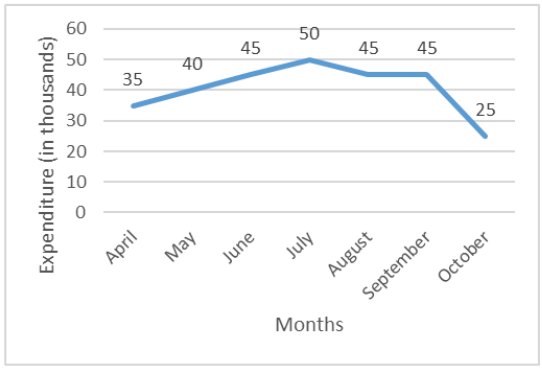
D. East

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**Q4** General Intelligence and Reasoning

The following graph shows the expenditure of a family over different months. Study the graph and answer the question.




What is the approximate average of the total expenditure in April, May, June, August, September and October (in thousands)?

A. 84

B. 16

C. 26

D. 39 ✓

**Q5** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(2, 6, 22)
(4, 13, 47)

A. (23, 41, 77)

B. (29, 35, 68)

C. (7, 4, 36)

D. (9, 5, 33) ✓

**Q6** General Intelligence and Reasoning

A certain number of people are sitting in a row, facing north. Only Q sits exactly between W and Z. G sits sixth to the right of W. Only three people sit to the right of G. Z sits at the extreme left end of the row.

If no other person is sitting in the row, what is the total number of people seated?

A. 10

B. 12 ✓

C. 13

D. 14

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**Q7** General Intelligence and Reasoning

Six students, Madhu, Anshul, Avani, Aarav, Priti, and Shikha, gave their presentations on different days in the month of March. The presentation was from $11^{th}$ March to $16^{th}$ March.

Anshul presented on $14^{th}$ March and Shikha presented immediately before Anshul. Only one person presented between Shikha and Priti. Shikha presented after Priti but before Avani. Avani presented immediately before Madhu. Who presented on $15^{th}$ March?

A. Aarav

B. Madhu

C. Priti

D. Avani ✓

**Q8** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement : $Y < V = X \leq L < A > C \geq H$

A. $L \geq V$

B. $A > H$

C. $X > Y$

D. $X > A$ ✓

**Q9** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) S = N 4 & % L A * 6 T & C @ 4 B % 2 X L (Right)

How many such numbers are there which are immediately preceded by a letter and also immediately followed by a symbol?

A. 4

B. 3

C. 6

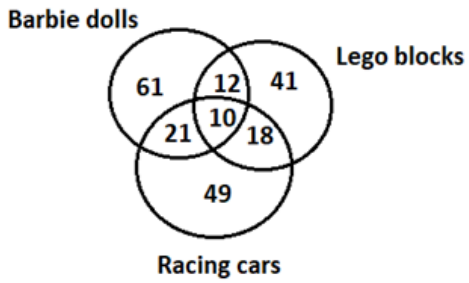
D. 1 ✓

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**Q10** General Intelligence and Reasoning

Study the given Venn diagram carefully and answer the question that follows. The numbers in different sections indicate the number of children who play with a particular toy at a day care.




How many such children are there, who play neither with barbie dolls nor with racing cars?

A. 41 ✓

B. 53

C. 67

D. 82

**Q11** General Intelligence and Reasoning

In this question, a group of letters is coded using numbers/symbols as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Letters | E | O | L | Y | A | W | N | S |
|---|---|---|---|---|---|---|---|---|
| Numbers/Symbols | 5 | % | 7 | # | 1 | 4 | @ | $ |

Conditions:

(i) If a word has a vowel at the end, the vowel present at the end will be coded as 6.

(ii) If a word has more than 2 vowels, all the vowels will be coded as 8.

(iii) If a letter is present exactly twice in a word, it will be coded as 2 in both such places

What will be the correct code for YELLOW?

A. #577%4

B. #577%6

C. #522%4 ✓

D. #82284

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**Q12** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$8.99 + 17.99 - 3.99 \times 2.99 = ?$

A. 24

B. 9

C. 32

D. 15 ✓

**Q13** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

Few oxen are peacocks

All peacocks are cheetahs

All cheetahs are horses

**Conclusions:**

(I) Some horses are peacocks

(II) Some cheetahs are peacocks

(III) All peacocks are horses

A. Only conclusion I follows

B. Only conclusion II follows

C. Either conclusion I or III follows

D. All conclusions I, II and III follow ✓

**Q14** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

9.6 8.4 7.2 6 ?

A. 4.8 ✓

B. 3.6

C. 5.4

D. 4.2

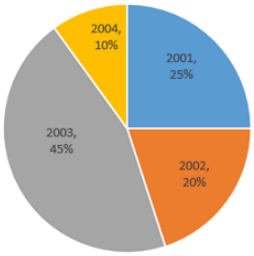
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**Q15** General Intelligence and Reasoning

Study the given pie-chart and answer the following question.

The given pie chart depicts the number of complaints received in four years. The total number of complaints received in the four years together is 200.




What is the difference between the total number of complaints received in 2001 and 2003 together and the number of complaints received in 2002?

A. 110

B. 100 ✓

C. 120

D. 90

**Q16** General Intelligence and Reasoning

Six friends are sitting around a circular table facing the centre. Gabriel is sitting second to the right of Suchita. Ritesh is sitting second to the right of Trinabh. Sourav is an immediate neighbour of both Gabriel and Dhruv. Who is an immediate neighbour of both Ritesh and Trinabh?

A. Dhruv

B. Gabriel

C. Sourav

D. Suchita ✓

**Q17** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

WQN : VPM
JRE : IQD

A. TGI : SFH ✓

B. PKM : UGI

C. GKV : OSN

D. FCH : TBY

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**Q18** General Intelligence and Reasoning

The position of how many letters will remain unchanged if each of the letters in the word BRIGHT is arranged in alphabetical order?

A. Two ✓

B. None

C. One

D. Three

**Q19** General Intelligence and Reasoning

A statement is given followed by four conclusions. Find out which conclusion is true based on the given statement.

Statement: $L \leq H = P > O > D \geq S = U$

**Conclusions:**

1) $L \leq P$

2) $U \geq D$

3) $L > D$

4) $L > O$

A. 1 ✓

B. 2

C. 3

D. 4

**Q20** General Intelligence and Reasoning

If each even digit is divided by 2 and 2 is added to each odd digit in the number 4723361, what will be the sum of the largest and the smallest digits thus formed?

A. 9

B. 10 ✓

C. 11

D. 12

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**Q21** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

1331 729 343 125 ?

A. 27 ✓

B. 1

C. 64

D. 8

**Q22** General Intelligence and Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some flowers are leaves.

2. Some flowers are stems.

3. Some fruits are flowers.

Conclusions:

I-Some stems are flowers.

II-Some fruits are leaves.

A. Only conclusion I follows. ✓

B. Only conclusion II follows.

C. Both conclusions I and II follow.

D. Neither conclusion I nor II follows.

**Q23** General Intelligence and Reasoning

Refer to the following letter series and answer the question.

(Left) B Z C T B Z T E S B C Z T W A Z T F Z T U K R B Z T V (Right)

How many Z are there in the series which are immediately followed by T but not immediately preceded by B?

A. Four

B. Three ✓

C. Two

D. Five

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**Q24** General Intelligence and Reasoning

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
C lives immediately above F, on an even numbered floor but not on the 6th floor. Only three people live between F and E. If B lives two floors below E, and A is not on the topmost floor, then how many people live exactly between D and C?

A. 1
B. 2
C. 4
D. 3 ✓

**Q25** General Intelligence and Reasoning

If '+' means '×', '–' means '÷', '×' means '–', and '÷' means '+', what will come in place of the question mark (?) in the following equation?

$9 + 7 \div 8 - 4 \times 2 = ?$

A. 60
B. 74
C. 63 ✓
D. 68

**Q26** General Intelligence and Reasoning

Town C is south of the mid-point of the straight line joining town A and B. Town B is to the East of Town A. Town D is west of town C. Town M is north-east of town B. What is the position of town D with respect to M?

A. South-east
B. West
C. South
D. South-west ✓

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**Q27** General Intelligence and Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(15, 405, 9)
(13, 273, 7)

A. (12, 360, 5)

B. (11, 165, 5) ✓

C. (9, 405, 9)

D. (14, 490, 7)

**Q28** General Intelligence and Reasoning

Six girls with the initials V, M, S, E, N and C are sitting around a circular table, facing the centre and at equal distance from each other, not necessarily in the same order.

E sits second to the left of C. S sits second to the right of V. C sits at the immediate left of V. N sits second to the left of E. Who sits at the immediate left of C?

A. N

B. V

C. S

D. M ✓

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**Q29** General Intelligence and Reasoning

A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

Statement:
The Union Road Transport and Highways Ministry is gearing up to build a super expressway to connect Delhi and Mumbai, which would allow commuters to finish the 1,400 km long journey within 12 hours.

Assumptions:

I. The road between the two cities is in very bad shape.

II. Currently there are no roads to connect these two cities of India.

A. Only assumption I is implicit

B. Only assumption II is implicit

C. Neither assumption I nor II is implicit ✓

D. Both assumptions I and II are implicit

**Q30** General Intelligence and Reasoning

If each of the letters in the word 'CAUTIONED' is arranged in the English alphabetical order, which letter will be in the exact middle position after such arrangement?

A. N

B. O

C. E

D. I ✓

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**Q1** General Intelligence and Reasoning

Refer to the following letter series and answer the question that follows.

P L M O K I J N B H U Y G A V E C F T

How many such consonants are there in the above series, each of which is immediately preceded by a vowel and immediately followed by a vowel?

A. Zero

B. One

C. Two ✓

D. Three

**Q2** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

Few spiders are caterpillars

No caterpillar is a grasshopper

All grasshoppers are bedbugs

**Conclusions:**

(I) Some bedbugs are not caterpillars

(II) All caterpillars are spiders

(III) All bedbugs are grasshoppers

A. Only conclusion I follows ✓

B. Only conclusion II follows

C. Either conclusion I or III follows

D. None of the conclusions follow

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**Q3** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

6 : 27 :: 8 : ? :: 12 : 54

A. 35

B. 32

C. 36 ✓

D. 34

**Q4** General Intelligence and Reasoning

Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

20.01% of 320.002 + 121.99 =?

A. 154

B. 162

C. 174

D. 186 ✓

**Q5** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given number series?

590, 605, 588, 607, 586, ?

A. 609 ✓

B. 605

C. 611

D. 613

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**Q6** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All Bats are Mammals.

Some Bats are Viruses.

All Viruses are Diseases.

**Conclusions:**

(I) Some Bats are Diseases.

(II) Some Mammals are Viruses.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow. ✓

D. Neither conclusion (I) nor (II) follows.

**Q7** General Intelligence and Reasoning

If '+' means '÷', '−' means '+', '×' means '−' and '÷' means '×', what will be the value of the following expression?

$[\{(16 \times 6) - (2 \div 3)\} + (4 - 4)] \div 2$

A. 4 ✓

B. 2

C. 8

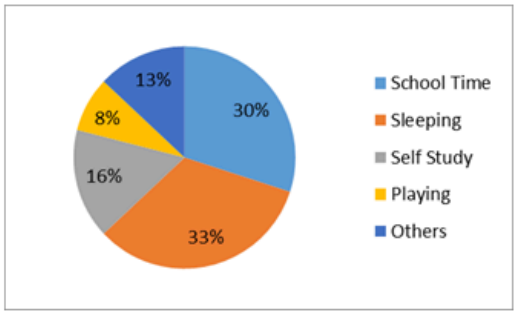
D. 6

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**Q8** General Intelligence and Reasoning

The given pie chart shows use of time in a full day (24 hours) by a student. Study the pie chart and answer the question that follows.




What is the approximate difference between the number of hours used for self study and school time?

A. 2 hours

B. 4.5 hours

C. 4 hours

D. 3.5 hours ✓

**Q9** General Intelligence and Reasoning

Refer to the given number, symbol series and answer the question that follows.

(Left) % Ω 8 3 1 $ 2 4 @ 6 7 @ 1 & & $ 5 # 2 8 @ 3 % & $ 3 (Right)

How many such symbols are there (from left to right) which are immediately followed by an even number and also immediately preceded by an odd number?

A. 1

B. 2 ✓

C. 3

D. 4

**Q10** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

1.1 1.2 1.4 1.8 2.5 ?

A. 3.6 ✓

B. 3.5

C. 3.2

D. 3.7

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**Q11** General Intelligence and Reasoning

Rahman goes 20 km towards north from a fixed-point F, then after turning to his right and he goes 15 km. After this he goes 20 km after turning to his right. How far and in what direction is he now with respect to the starting point F?

(All turns are 90° turns only)

A. 15 km towards east ✓

B. 15 km towards west

C. 15 km towards north

D. 15 km towards south

**Q12** General Intelligence and Reasoning

All 20 students of a class are sitting in a straight row facing east. Ram is $8^{th}$ from the right end and Sita is $16^{th}$ from the left end. How many students are sitting between Ram and Sita?

A. 2 ✓

B. 4

C. 8

D. 3

**Q13** General Intelligence and Reasoning

Seven boxes S, T, U, V, W, X and Y are kept one over the other but not necessarily in the same order. X is kept immediately below V. Only two boxes are kept above U. T is kept immediately above S. U is kept immediately above V. Only two boxes are kept below X. How many boxes are below V?

A. Three ✓

B. Two

C. One

D. Four

**Q14** General Intelligence and Reasoning

Six friends are sitting around a round table facing the centre with equal distances between two neighbours. Sarah is sitting to the immediate left of Laura. Ron is sitting second to the right of Tyler. Sarah is sitting third to the left of Adam. Laura is sitting to the immediate left of Tyler. Tessa is sitting to the immediate right of Ron. Who is sitting to the immediate left of Sarah?

A. Tessa ✓

B. Laura

C. Ron

D. Tyler

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**Q15** General Intelligence and Reasoning

U, V, W, X, Y and Z are six students sitting around a circular table, facing the centre of the table for a school assignment. X is the immediate neighbour of W. V is seated third to the left of W. U is seated to the immediate right of Y. V is seated second to the right of X. Who is seated third to the left of Z?

A. U ✓

B. Y

C. W

D. V

**Q16** General Intelligence and Reasoning

All 28 students of a class are standing in a straight row facing north. Jay is $14^{th}$ from the right end, while Bela is $12^{th}$ from the left end. How many students stand between Jay and Bela?

A. 2 ✓

B. 3

C. 4

D. 1

**Q17** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

*JJL _ KKJJ _ KKKJ _ LKKKJJ*

A. KJL

B. KLJ ✓

C. JKL

D. KLK

**Q18** General Intelligence and Reasoning

Which of the following is NOT a leap year?

A. 2600 ✓

B. 4800

C. 6800

D. 8800

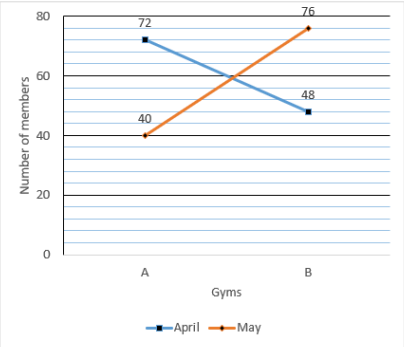
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## Q19 General Intelligence and Reasoning

Study the given line graph and answer the following question.

The given line graph depicts the number of members in two gyms A and B, in the months of April and May.




The number of members in Gym B in April is what percentage more than the number of members in Gym A in May?

A. 12%

B. 10%

C. 20% ✓

D. 40%

## Q20 General Intelligence and Reasoning

In this question, a statement is followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

**Statement:**

Providing LPG connections to BPL (Below Poverty Level) households will ensure universal coverage of cooking gas in country X.

**Conclusions:**

I. Usage of traditional cooking fuels such as firewood, coal, etc., is a common practice in rural parts of country X.

II. No other mode of cooking is as effective as using LPG.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows ✓

D. Both conclusions I and II follow

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**Q21** General Intelligence and Reasoning

In a certain alpha-numeric code, 'PLATE' is written as 45 and 'BLEAK' is written as 13. How will 'PASTE' be written in the same code?

A. 16 ✓

B. 54

C. 21

D. 12

**Q22** General Intelligence and Reasoning

Three statements are given followed by two conclusions numbered I and II. Assuming thestatements to be true, even if they seem to be at variance with commonly known facts, decide

which of the conclusions logically follow(s) from the statements.

**Statements:**

All books are papers.

All trees are papers.

All papers are recyclable.

**Conclusions:**

I. Some books are trees.

II. All trees are recyclable.

A. Only conclusion II follows ✓

B. Only conclusion I follows

C. Both conclusions I and II follow

D. Neither conclusion I nor II follows

**Q23** General Intelligence and Reasoning

Select the option that is related to the fifth number in the same way as the second number is related to the first number, the fourth number is related to the third number.

23 : 14 :: 11 : 8 :: 7 :?

A. 5

B. 6 ✓

C. 4

D. 8

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**Q24** General Intelligence and Reasoning

Each of the digits in the number 46734 is arranged in ascending order from left to right. The position of how many digits will change as compared to that in the original number?

A. 5 ✓

B. 4

C. 3

D. 2

**Q25** General Intelligence and Reasoning

In a certain code language, 'MATCH' is written as 'NDYJQ' and 'SKULL' is written as 'TNZSU'. How will 'CHAMP' be written in that language?

A. DKFTY ✓

B. ELFTY

C. DJFTZ

D. EJFTZ

**Q26** General Intelligence and Reasoning

Ashutosh walks 90 m towards north from his house, then he turns left and walks 110 m. He again turns left and walks 150 m. He then turns left again, and covers a distance of 130 m. In which direction is Ashutosh now, with respect to the starting point? (All turns are 90° turns only)

A. South-east ✓

B. North-east

C. North-west

D. South-west

**Q27** General Intelligence and Reasoning

Amongst six friends A, B, C, D, E and F, each has a different height. B is taller than D but shorter than A. D is not the shortest. Only one person is shorter than C. Only two people are shorter than E. Who is the shortest among all the friends?

A. F ✓

B. B

C. C

D. D

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**Q28** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $A > S \geq D > F \leq G < H$

A. $D > G$

B. $S > F$ ✓

C. $S = H$

D. $A \geq G$

**Q29** General Intelligence and Reasoning

In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

ACR : BDS
GUX : HVY

A. OIF : NHE

B. MQF : NRG ✓

C. HJL : SQO

D. SIO : KQP

**Q30** General Intelligence and Reasoning

Refer to the following letter-symbol series and answer the question that follows.

(Left) $ R ^ * *F $ V # Y @ Z Y T G B Y S & Z R $ V @ ^ C Y N (Right)

From left how many such letters are there that are immediately preceded by a symbol and immediately followed by a letter?

A. 3 ✓

B. 4

C. 5

D. 7

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General Intelligence and Reasoning 30 Questions • Answer Key

**Q1** General Intelligence and Reasoning

Seven people - B, D, F, K, M, Q and W are sitting in a straight line facing North. D sits second from one of the extreme ends of the line. Only two people sit between D and F. M sits fourth to the right of F. Q sits second to the right of W. K is not an immediate neighbour of W.

How many people sit to the left of B?

A. One

B. Three

C. None ✓

D. Two

**Q2** General Intelligence and Reasoning

If '+' means '–', '–' means '+', '×' means '÷', and '÷' means '×', what will come in place of the question mark (?) in the following equation?

$15 - 8 + 7 \div 6 \times 3 = ?$

A. 6

B. 10

C. 9 ✓

D. 12

**Q3** General Intelligence and Reasoning

Refer to the given letter-cluster series and answer the question that follows.

AKMG, RTDC, WQCT, PILE, VTXF, HRXW

If in each of the letter-clusters, each letter is changed to the next letter in the English alphabetical order, how many letter-clusters thus formed will have exactly two vowels?

A. 0

B. 1 ✓

C. 2

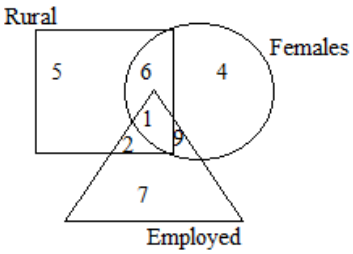
D. 3

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**Q4** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many rural females are there who are NOT employed?

A. 3

B. 7

C. 1

D. 6 ✓

**Q5** General Intelligence and Reasoning

Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

M N O _ M N _ _ M N _ P _ _ O P

A. POPOMN ✓

B. POPOMM

C. MNPOPP

D. NMPONM

**Q6** General Intelligence and Reasoning

If '+' means '−', '−' means '÷', '×' means '+', and '÷' means '×', what will be the value of the following expression?

$[\{(6 \times 9) + (3 \div 2)\} - (7 + 4)] \div 2$

A. 2

B. 4

C. 6 ✓

D. 8

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**Q7** General Intelligence and Reasoning

In a certain code language, 'FRAME' is written as 'HPCKG', and 'PEACH' is written as 'RCCAJ'. How will 'BROOM' be written in that language?

A. DPQMO ✓

B. DTQQO

C. APQNO

D. CPPMO

**Q8** General Intelligence and Reasoning

In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

Statement: $N > W = E \geq D < Y = P \leq K$

A. $N < E$

B. $D > N$

C. $W \geq D$ ✓

D. $K \leq Y$

**Q9** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

32 : 56 :: 52 : ? :: 42 : 66

A. 71

B. 75

C. 76 ✓

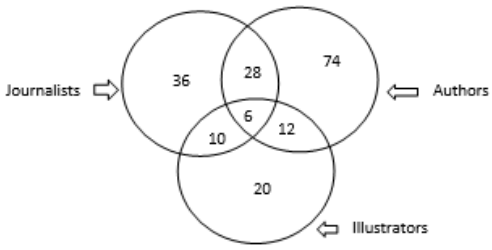
D. 73

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**Q10** General Intelligence and Reasoning

Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.




How many such authors are there who are also illustrators but are NOT journalists?

A. 18

B. 28

C. 12 ✓

D. 54

**Q11** General Intelligence and Reasoning

Study the given table and answer the following question.

| | Number of words translated | | |
|---|---|---|---|
| | Monday | Tuesday | Wednesday |
| Puneet | 548 | 581 | 628 |
| Mohit | 696 | 684 | 692 |

If ₹2 was paid for the translation of one word, what was the total amount received by Puneet and Mohit on Monday?

A. ₹2,488 ✓

B. ₹2,966

C. ₹2,312

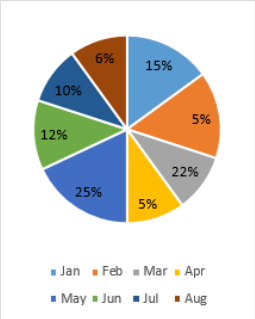
D. ₹2,916

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**Q12** General Intelligence and Reasoning

The given pie chart shows the percentage of expenditure on electricity by a family in different months. Study the chart and answer the question.




What is the central angle for the total expenditure on electricity in all the months together, EXCEPT May and August?

A. 234.8°

B. 216.8°

C. 210.7°

D. 248.4° ✓

**Q13** General Intelligence and Reasoning

This question consists of a statement followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Eating frozen foods is advantageous.

Arguments:

I. Frozen foods sometimes may have more vitamins and minerals compared to fresh food, because fresh foods lose vitamins and minerals over time while freezing preserves nutrients.

II. Sodium present in frozen foods can lead to increased blood pressure level.

A. I weakens while II strengthens the statement

B. II weakens while I strengthens the statement ✓

C. Both I and II weaken the statement

D. Both I and II strengthen the statement

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**Q14** General Intelligence and Reasoning

Mangal walks 30 m north from his house, then he takes a right turn and walks 20 m. He then takes a right turn and walks 30 m, then turns left and walks 20 m, then he turns right and walks 10 m. Finally, he takes a right turn and walks 40 m. In which direction and how many metres is Mangal now from his house? (All turns are 90° turns only)

A. 20 m, east

B. 10 m, west

C. 20 m, north

D. 10 m, south ✓

**Q15** General Intelligence and Reasoning

A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $S < T \leq G < M < K > P \geq O$

A. $K > G > S$ ✓

B. $M \geq P \geq O$

C. $O = S = T$

D. $K > O > S$

**Q16** General Intelligence and Reasoning

Refer to the following number series and answer the question that follows.

4 3 9 1 5 3 9 2 4 3 5 9 5 7 9 2 6 8 7

How many such odd digits are there, each of which is immediately preceded by an even digit and also immediately followed by an odd digit?

A. One

B. Two ✓

C. Three

D. Four

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**Q17** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

3 13 21 27 31 ?

A. 36

B. 34

C. 35

D. 33 ✓

**Q18** General Intelligence and Reasoning

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

15 : 4913 :: 8 : ? :: 11 : 2197

A. 1000 ✓

B. 1001

C. 1003

D. 1002

**Q19** General Intelligence and Reasoning

What is the sum of the digits placed at the even places when counted from left to right in the number 479812356?

A. 26

B. 22 ✓

C. 32

D. 18

**Q20** General Intelligence and Reasoning

G, K, M, P, S and V live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. G lives on floor number 3. Only one person lives between G and M. As many people live below K as above M. P lives immediately below S.

How many people live above P?

A. One

B. Two ✓

C. Three

D. Four

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**Q21** General Intelligence and Reasoning

Ravi starts from Point A and drives 8 km towards the west. He then takes a left turn, drives 5 km, turns left and drives 19 km. He then takes a right turn and drives 2 km. He takes a final right turn, drives 11 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

A. 7 km towards the north ✓

B. 2 km towards the north

C. 3 km towards the south

D. 5 km towards the south

**Q22** General Intelligence and Reasoning

Select the option that is related to the fifth term in the same way as the fourth term is related to the third term and the second term is related to the first term.

STUDENT : HGFWVMG :: TEACHER : GVZXSVI :: SCHOOL : ?

A. XSHLLO

B. HXSLLO ✓

C. SLOLXH

D. HXSOLL

**Q23** General Intelligence and Reasoning

Refer to the following letter, number, symbol series and answer the question.

(Left) E 7 8 # K 2 L ? = R 3 @ W * X 5 C H D 4 (Right) .

If all numbers are dropped from the series, which of the following will be seventh from the left?

A. W

B. =

C. R ✓

D. *

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**Q24** General Intelligence and Reasoning

Seven people A, B, D, E, G, H and K are sitting in a straight line facing the north. E is sitting at an extreme end of the line. B is an immediate neighbour of E. Only three people are sitting between A and E. A is sitting second to the right of G. H is neither an immediate neighbour of A nor B. K is sitting second to the right of D. How many people are sitting to the right of K?

A. Three

B. Two

C. One ✓

D. Zero

**Q25** General Intelligence and Reasoning

Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

**Statements:**

Some eggs are wheats

Some fruits are guavas

All guavas are lemons

**Conclusions:**

(I) Some fruits are wheats

(II) Some lemons are fruits

(III) Some eggs are guavas

A. Only conclusion I follows

B. Only conclusion II follows ✓

C. Either conclusion I or III follows

D. None of the conclusions follow

**Q26** General Intelligence and Reasoning

Five boxes containing different items, namely scales, pens, tapes, erasers and pencils, are kept one above the other, not necessarily in the same order. The box with pens is on the topmost position. The box with erasers is the only box between the boxes with pencils and scales. There is only one box below the box with scales and that is the box with tapes. Which box is immediately below the box containing pencils?

A. Scales

B. Tapes

C. Erasers ✓

D. Pens

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**Q27** General Intelligence and Reasoning

Which of the following numbers will replace the question mark (?) in the given series?

6, 6, 8, 24, 28, ?

A. 32

B. 140 ✓

C. 112

D. 130

**Q28** General Intelligence and Reasoning

In a certain code language, 'WORSE' is written as 'K#2&6' and 'STEAK' is written as '&@689'. How will 'THORN' be written in that language?

A. @5#86

B. @5#27 ✓

C. #5@27

D. #5@86

**Q29** General Intelligence and Reasoning

A total of 50 students are in a row. Ankit is at the $19^{th}$ position from the start of the row. What is the position of Ankit from the end of the row?

A. $30^{th}$

B. $31^{st}$

C. $32^{nd}$ ✓

D. $33^{rd}$

**Q30** General Intelligence and Reasoning

If yesterday was Monday, then which day of the week it will be after 89 days from today?

A. Sunday ✓

B. Monday

C. Tuesday

D. Saturday

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