RAILWAY RECRUITMENT BOARDS
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RRB JE 2018 CBT-1

Junior Engineer, DMS, CMA · CEN 03/2018 · CBT-1 (22 May - 28 Jun 2019) · General Intelligence and Reasoning · Question Paper

English

All 36 Shifts (Sets) · General Intelligence and Reasoning Section · Official Answer Key

About this Compilation

This booklet contains all **36 shift papers** of the **RRB JE 2018 CBT-1** 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 RRB questions from RRB's 2019 answer-key portal (printouts in our library; no retyping, no OCR). RRB shuffled the question order for every candidate, so each paper is grouped by section in the official order (Maths 30, Reasoning 25, GA 15, Science 30; section set by Blackbook); options in RRB's order.

Shifts. This English edition holds **36 of the about 38 shifts** of the exam (27 in May, 9 in Jun): only the shifts for which a response sheet with the questions in English was saved. The other shifts were not saved by us.

Answer key. Official RRB key from RRB's answer-key portal (checked against the other saved versions); 7 questions dropped by RRB ("This Question is dropped") are printed as asked, with RRB's note and no tick.

Not readable. 97 questions of 13 shifts could not be read from any saved sheet (sheet printed short or the question printed incompletely): each set's header shows its question count.

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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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

What is the theme of 'World Water Day', 2019?

A. Wetlands and Climate Change

B. Leave no One Behind ✓

C. The Sun, the Earth and the Weather

D. Forests and Education – Learn to Love Forests

Q2 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

P, Q, R, S, T, U, V and W are playing a game standing in a circle facing outwards. R is neither the neighbour of P nor V. S is the neighbour of P but not of W. T is the neighbour of W and is third to the right of U. Q is the neighbour of U and fourth to the left of S.

Who among the following stands between S and T?

A. R ✓

B. W

C. Q

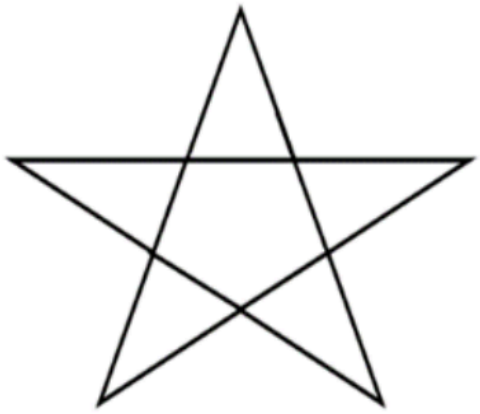
D. P

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Q3 General Intelligence and Reasoning

How many triangles are there in the given figure?



A. 8

B. 5

C. 10 ✓

D. 6

Q4 General Intelligence and Reasoning

The time period between a full moon and the next full moon is slightly longer than how many days?

A. 29.5 days ✓

B. 26 days

C. 28 days

D. 31 days

Q5 General Intelligence and Reasoning

In a certain code, 'ABC DEF' is written as 'ZYX WVU'. How would 'LOSS' be written in that code?

A. OLHH ✓

B. OWHH

C. OMHH

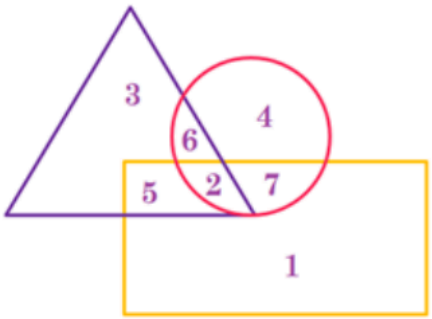
D. OHLL

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Q6 General Intelligence and Reasoning

In the given figure, the circle represents married men, triangle represents working men, and rectangle represents adult. Which region represents married men who are also adult only?



A. 2

B. 7 ✓

C. 5

D. 6

Q7 General Intelligence and Reasoning

Find the value of $\sin\frac{7\pi}{4}\sin\frac{\pi}{4}\sin\frac{3\pi}{4}\sin\frac{5\pi}{4}$.

A. 3/16

B. 1/4 ✓

C. 1/8

D. 1/16

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Q8 General Intelligence and Reasoning

Rahul starts walking towards west. After a while, he turns left and then to his right. Again he turns left and then right. How many times did he turn towards south?

A. Four turns

B. Three turns

C. Two turns ✓

D. One turn

Q9 General Intelligence and Reasoning

Bala is facing west and moves forward; then he turns 45° to his left. Which direction is he facing now?

A. North east

B. South east

C. North west

D. South west ✓

Q10 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 153 ✓

B. 317

C. 137

D. 731

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Q11 General Intelligence and Reasoning

A postman was returning to the post office which was in front of him to the north. When the post office was 100 m away from him, he turned left and moved 50 m to deliver the last letter at the Shanti villa. He, then moved in the same direction for 40 m, turned to his right and moved 100 m. How many metres was he away from the post office?

A. 90 m ✓

B. 100 m

C. 10 m

D. 150 m

Q12 General Intelligence and Reasoning

Choose the alternative that best replaces the question mark(?) in the given figure.

32	85	64
5	13	10
1	3	?
6	40	24

A. 4

B. 7

C. 2 ✓

D. 6

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Q13 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. U ✓

B. N

C. F

D. H

Q14 General Intelligence and Reasoning

Complete the series.

BS, GT, KA, PN, (...)

A. AP

B. TD ✓

C. HO

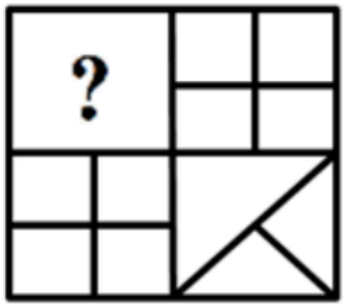
D. HI

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Q15 General Intelligence and Reasoning

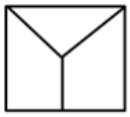
Choose from the alternatives the figure that best completes the pattern given below.



A.  ✓

B. 

C. 

D. 

Q16 General Intelligence and Reasoning

Which number will best complete the relationship given below?

12 : 30 :: 20 : ?

A. 35

B. 25

C. 32

D. 42 ✓

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Q17 General Intelligence and Reasoning

Which of the following options will best complete the relationship given below?

2(101)5

8(246)3

3(???)7

A. 123

B. 132

C. 231

D. 213 ✓

Q18 General Intelligence and Reasoning

In the following question, correct the equation by interchanging the two signs.

7 + 10 + 5 - 5 = 10

A. ÷ and +

B. + and - ✓

C. ÷ and -

D. ÷ and =

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Q19 General Intelligence and Reasoning

Complete the series.

C, H, M, R, (...)

A. Y

B. V

C. W ✓

D. X

Q20 General Intelligence and Reasoning

Which number will best complete the relationship given below?

Basketball : 5 :: Football : ?

A. 13

B. 11 ✓

C. 15

D. 7

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Q21 General Intelligence and Reasoning

If $x = 3 - \sqrt{2}$, then find the value of $3x^2 + 2x - 4$.

A. $35 + \sqrt{2}$

B. $20 - \sqrt{2}$

C. $35 - 2\sqrt{2}$

D. $35 - 20\sqrt{2}$ ✓

Q22 General Intelligence and Reasoning

What is the difference between the largest and the smallest fractions among 2/3, 3/4, 4/5 and 5/6?

A. 3/5

B. 2/5

C. 1/7

D. 1/6 ✓

Q23 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 1975 : 1579 ✓

B. 4283 : 8432

C. 3152 : 5321

D. 7319 : 1793

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Q24 General Intelligence and Reasoning

Silver article turns black when kept in the open for a few days due to formation of-

A. H_4S

B. AgS

C. $AgSO_4$

D. Ag_2S ✓

Q25 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Ten friends are sitting in two parallel rows of six seats each. One seat is vacant in each row. M, N, O, P and Q are sitting in row-1 facing south. D, E, F, G and H are facing north. Each likes different brand of shirts—Otto, Wrangler, Cherokee, Lee, Van Heusan, Derby, Ruggers, Allen Solly, Peter England and Raymond.

G sits third to the right of F and likes Lee. Only two people sit between E and the vacant seat. E does not like Van Heusan or Cherokee. Q is not an immediate neighbour of O. N likes Raymond. The one who likes Cherokee faces the one who likes Allen Solly. The one who likes Cherokee sits opposite to the one who sits on the third right of the person who sits opposite to G. O is not an immediate neighbour of P. H, who likes neither Van Heusan nor Derby, does not face the vacant seat. Neither G nor F sits at any of the extreme ends of the rows. P faces F. Vacant seats are not opposite to each other. Two seats are there between O and N, and N sits on the third right of the one who likes Ruggers. The one who likes Peter England faces the one who likes Lee. The persons who like Otto and Allen Solly are adjacent to each other. Vacant seat of row – 1 is not an immediate neighbour of P. E sits at one of the extreme ends of the row. F does not like Otto and Allen Solly. Vacant seat of row-1 does not face G who does not sit at any of the extreme ends of the row.

How many people will sit between vacant seat and E?

A. Five

B. Two ✓

C. Three

D. Four

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Simplify: $\tan(60° - \theta) - \cot(30° + \theta)$

A. $\frac{2+\sqrt{3}}{\sqrt{3}}$

B. $\sqrt{3}+\frac{1}{\sqrt{3}}$

C. 0 ✓

D. $2\sqrt{3}$

Q2 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends—P, Q, R, S, T, U, V and W are sitting around a circular table facing the center but not necessarily in the same order. Each one of them wears different colours of shirts—blue, green, red, black, yellow, white, purple and pink.

P sits third to the right of the one who wears pink, and only two people sit between the one who wears pink and W. Those who wear yellow and green are the immediate neighbours. Neither P nor W wears yellow or green. The one who wears yellow is not an immediate neighbour of the one who wears pink. The one who wears blue sits second to the left of T. T is not an immediate neighbour of W. The one who wears blue is an immediate neighbour of both those who wear white and purple. The one who wears purple sits third to the right of Q. Q does not wear yellow. R sits to the immediate right of the one who wears red. P does not wear red. U is not an immediate neighbour of P. V is not an immediate neighbour of the one who wears blue.

The person who wears _____ sits exactly between those who wear pink and white.

A. Blue

B. Green

C. Yellow

D. Red ✓

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Q3 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Charminar : India :: Pyramid : ?

A. Vatican

B. England

C. Canada

D. Egypt ✓

Q4 General Intelligence and Reasoning

If 'MISTAKE' is coded as 9765412 and 'NAKED' is coded as 84123, how is 'INTIMATE' coded?

A. 78698365

B. 89786145

C. 78579452 ✓

D. 79438163

Q5 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Volume : Litre :: Length : ?

A. Hectare

B. Kilogram

C. Watt

D. Metre ✓

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Q6 General Intelligence and Reasoning

The mass number of deuterium is-

A. 2 ✓

B. 4

C. 3

D. 1

Q7 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Bharatanatyam

B. Kuchipudi

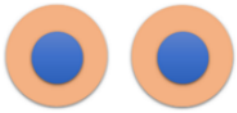
C. Lavani ✓

D. Odissi

Q8 General Intelligence and Reasoning

Choose the figure that best represents the relationship among the classes given below.
Pharmacists, Professionals, Architects, Carpenters

A. 

B. 

C.  ✓

D. 

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Q9 General Intelligence and Reasoning

If $\sqrt{10} = 3.16$, then find the value of $\sqrt{\frac{30}{9}}$

A. 1/8

B. 1/16

C. 3/16

D. 1/4

Dropped by RRB: discrepancy found in question/answer, ignored for all candidates (no answer key).

Q10 General Intelligence and Reasoning

One morning after sunrise, Kumar was standing in a ground facing a pole. The shadow of the pole fell exactly to his right. Which direction was he facing?

A. South ✓

B. Data inadequate

C. West

D. East

Q11 General Intelligence and Reasoning

An opthalmologist is one who treats-

A. Bones

B. Limbs

C. Eyes ✓

D. Skin

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Q12 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Five friends Arun, Bala, Cheenu, Dinesh and Elango are sitting on a bench facing north. Arun is sitting next to Bala. Dinesh is sitting next to Cheenu. Dinesh is not sitting with Elango. Elango is on the left end of the bench. Cheenu is on the second position from the right. Arun sits to the right of Bala.

What is the position of Dinesh?

A. Second from left

B. Third from right

C. Extreme left

D. Extreme right ✓

Q13 General Intelligence and Reasoning

From a point 'P', Rohit walks for 5 km towards east direction. He then turns right and walks for 2 km. Again he turns right and walks for 3 km; He then again turns right and walks for 2 km to reach a point 'Q'. What is the distance between the points 'P' and 'Q'?

A. 4 km

B. 1 km

C. 2 km ✓

D. 3 km

Q14 General Intelligence and Reasoning

What comes in the place of *?

$$1\frac{1}{4} + 1\frac{1}{6} - 1\frac{1}{8} = * + 1\frac{1}{12}$$

A. 5/12

B. 7/12

C. 5/24 ✓

D. 7/24

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Q15 General Intelligence and Reasoning

Complete the series.

ZZ, TX, NU, HP, (...)

A. PR

B. MC

C. BI ✓

D. AJ

Q16 General Intelligence and Reasoning

If '+' means '÷', '-' means '+', '÷' means 'x' and 'x' means '-', then 32 + 4 - 8 x 4 ÷ 3 = ?

A. 7

B. 4 ✓

C. 5

D. 6

Q17 General Intelligence and Reasoning

Which of the following options will best complete the relationship given below?

19(413)22

11(431)32

42(???)12

A. 154

B. 514

C. 145

D. 541 ✓

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Q18 General Intelligence and Reasoning

Arrange the following fractions in descending order.

5/6, 3/7, 8/9, 3/14

A. 8/9, 5/6, 3/7, 3/14 ✓

B. 5/6, 8/9, 3/7, 3/14

C. 3/7, 8/9, 5/6, 3/14

D. 8/9, 3/14, 3/7, 5/6

Q19 General Intelligence and Reasoning

Find the missing number in the following series.

2, 7, 16, (...), 46, 67, 92

A. 29 ✓

B. 38

C. 32

D. 36

Q20 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 49 ✓

B. 24

C. 15

D. 80

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Q21 General Intelligence and Reasoning

Simplify: $\sqrt{176 + \sqrt{2401}}$

A. 15 ✓

B. 25

C. 14

D. 18

Q22 General Intelligence and Reasoning

If in a certain code, 'bir le nac' means 'green and tasty', 'pic nac hor' means 'tomato is green' and 'coc bir hor' means 'food is tasty', which of the following means 'tomato is tasty' in that code?

A. bir le hor

B. pic hor nac

C. hor bir pic ✓

D. pic le coc

Q23 General Intelligence and Reasoning

Village Chimur is 20 km to the north of village Rewa. Village Rahate is 18 km to the east of village Rewa. Village Angne is 12 km to the west of Chimur. If Sanjay starts from village Rahate and goes to village Angne, in which direction is he from his starting point?

A. North

B. South

C. Northwest ✓

D. Southeast

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Q24 General Intelligence and Reasoning

Which number will best complete the relationship given below?

6 : 36 :: 8 : ?

A. 46

B. 49

C. 47

D. 48 ✓

Q25 General Intelligence and Reasoning

Find the group of wrong alphabets in the following series.

M, C, P, F, T, G, Y

A. Y

B. C

C. P

D. G ✓

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Ink : Pen

B. Stamp : Letter

C. Car : Engine ✓

D. Ticket : Train

Q2 General Intelligence and Reasoning

Which number will best complete the relationship given below?

13 : 38 :: 17 : ?

A. 53

B. 55

C. 50 ✓

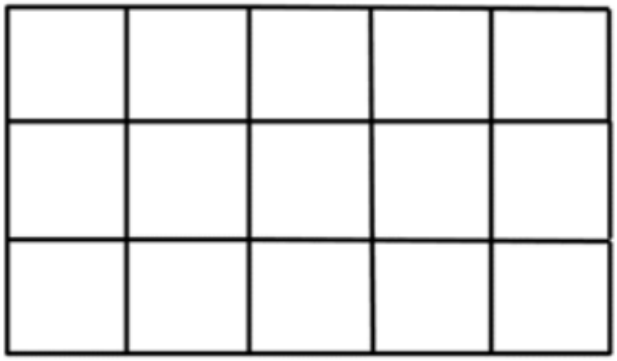
D. 57

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Q3 General Intelligence and Reasoning

How many squares are there in the given figure?



A. 18

B. 21

C. 26 ✓

D. 12

Q4 General Intelligence and Reasoning

In this question, three statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some Mumbai is Delhi.

2) Some Kolkata is Mumbai.

3) Some Chennai is Delhi.

Conclusions:

I. All Kolkata is Chennai.

II. No Chennai is Kolkata.

A. Both conclusions I and II follow

B. Neither conclusion I nor II follows ✓

C. Only conclusion II follows

D. Only conclusion I follows

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Q5 General Intelligence and Reasoning

Facing towards south, Ram started walking and turned left after walking 30 m. He walked 25 m and turned left and walked 30 m. How far and in which direction is he from his starting position?

A. 30 m, east

B. At the starting point only

C. 25 m, west

D. 25 m, east ✓

Q6 General Intelligence and Reasoning

If 3/11 < x/3 < 7/11, which of the following values can 'x' take?

A. 2

B. 0.5

C. 3

D. 1 ✓

Q7 General Intelligence and Reasoning

Find the missing number in the following series.

28, 60, 90, 117, (...), 158

A. 132

B. 144

C. 136

D. 140 ✓

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Q8 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 885

B. 695

C. 489 ✓

D. 395

Q9 General Intelligence and Reasoning

In a certain code language, 'put tir fin' means 'delicious juicy fruit', 'tie dip sig' means 'beautiful white lily', 'sig lon fin' means 'lily and fruit'. Which of the following stands for 'and' in that language?

A. tir

B. lon ✓

C. sig

D. fin

Q10 General Intelligence and Reasoning

A certain distance is covered at a certain speed. If half the distance is covered in double the time, what is the ratio of the two speeds?

A. 2 : 1

B. 3 : 2

C. 1 : 3

D. 4 : 1 ✓

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Q11 General Intelligence and Reasoning

Complete the series.

BB, OD, OG, KL, (...)

A. VD

B. AG

C. SS ✓

D. LO

Q12 General Intelligence and Reasoning

Find the missing number in the following series.

5, 8, 13, 21, 34, 55, (...), 144, 233

A. 85

B. 91

C. 94

D. 89 ✓

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Q13 General Intelligence and Reasoning

In this question, a statement is given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

"Use cold cream for fair complexion"—an advertisement.

Conclusions:

I. People like to use cream for fair complexion.

II. People are easily fooled.

III. People respond to advertisements.

A. Only conclusion II follows

B. Only conclusions I and II follow

C. None of the conclusions follows ✓

D. Only conclusion I follows

Q14 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

DZ, LA, (...), PK, LP

A. WV

B. PF ✓

C. OR

D. LK

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Q15 General Intelligence and Reasoning

Arun wants to pay Rs.16000 cash for a colour television and Bala wants to purchase the same for Rs.17776, due after 2 years. If the rate of Simple Interest is 5% per annum, which of the deals is better for the shopkeeper?

A. Both are the same

B. Neither of the deal

C. From Arun

D. From Bala ✓

Q16 General Intelligence and Reasoning

How much does a watch lose per day, if the hands coincide every 64 minutes?

A. $17\frac{5}{11}$ minutes

B. $32\frac{8}{11}$ minutes ✓

C. $\frac{32}{11}$ minutes

D. $\frac{16}{11}$ minutes

Q17 General Intelligence and Reasoning

If $a \times b = a + b + \sqrt{ab}$, then find the value of 4×9.

A. 20

B. 29

C. 49

D. 19 ✓

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Q18 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Seven members L, H, K, T, F, J and R represent different countries in Olympics, USA, China, Korea, France, Russia, Australia and Japan; each one competes for a different sport, viz. volleyball, archery, rifle shooting, tennis, boxing, athletics and football. The order of persons, countries and games is not necessarily the same.

K represents China for archery. T represents USA but not for volleyball or rifle shooting. One who represents Japan competes for boxing. F competes for volleyball but not Korea. L represents Australia for athletics. The one who represents Russia competes for tennis. J does not represent Korea or Japan. R competes for rifle shooting.

Which of the following combinations of member, sport and country are CORRECTLY matched?

A. J—Tennis—France

B. J—Tennis—Russia ✓

C. R—Tennis—France

D. R—Tennis—Russia

Q19 General Intelligence and Reasoning

Choose the figure that best represents the relationship among the classes given below.
House, Brick, Bridge

A. 

B. 

C.  ✓

D. 

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Q20 General Intelligence and Reasoning

Which number will best complete the relationship given below?

12 : 46 :: 18 : ?

A. 70 ✓

B. 74

C. 72

D. 76

Q21 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Arjun, Banu, Keerthi, Deepan, Harini, Vasanth, Gayathri and Kumar are sitting around a circle facing the center. Banu is third to the right of Vasanth and third to the left of Kumar. Keerthi is fourth to the left of Arjun. Arjun is not an immediate neighbour of Vasanth and Banu. Harini is not an immediate neighbour of Banu. Gayathri is second to the right of Deepan.

Who among the following is third to the left of Harini?

A. Deepan

B. Gayathri ✓

C. Banu

D. Arjun

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Q22 General Intelligence and Reasoning

What is the difference between the place and face values of '5' in the number 3675149?

A. 4995 ✓

B. 5000

C. 495

D. 4990

Q23 General Intelligence and Reasoning

A man walks 30 m towards south. Then, turning to his right, he walks 30 m. Then, turning to his left, he walks 20 m. Again, turning to his left, he walks 30 m. How far is he from his starting point?

A. 30 m

B. 80 m

C. 50 m ✓

D. 20 m

Q24 General Intelligence and Reasoning

Find the value of $\sqrt{\cot^2\theta - \cos^2\theta}$.

A. $\cot\theta \operatorname{cosec}\theta$

B. $\cot\theta \cos\theta$ ✓

C. 1

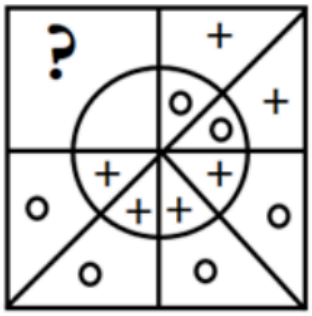
D. $\cos\theta \operatorname{cosec}\theta$

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Q25 General Intelligence and Reasoning

Choose from the alternatives the figure that best completes the pattern given below.



A. 

B. 

C. 

D. 

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Q1 General Intelligence and Reasoning

In this question, two statements are given followed by a conclusion. Find out which of the alternatives justifies the given conclusion.

Statements:

1) Coals are atoms of carbon.

2) Diamonds are atoms of carbon.

Conclusion:

Diamonds are coal.

A. The conclusion drawn is false ✓

B. The conclusion drawn is definitely true

C. The conclusion drawn is irrelevant

D. The conclusion drawn is probably true

Q2 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. AWAY : WAYA

B. LIKE : KILE ✓

C. HAVE : AVEH

D. MEET : EETM

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Q3 General Intelligence and Reasoning

Which number will best complete the relationship given below?

9 : 20 :: 21 : ?

A. 102

B. 97

C. 44 ✓

D. 131

Q4 General Intelligence and Reasoning

The radii of the bases of a cylinder and cone are in the ratio $\sqrt{3}:\sqrt{2}$. Their heights are in the ratio $\sqrt{2}:\sqrt{6}$. What is the ratio of their volumes?

A. $2\sqrt{3}:3$

B. $\sqrt{3}:\sqrt{2}$

C. $3\sqrt{3}:2$ ✓

D. $3\sqrt{3}:\sqrt{2}$

Q5 General Intelligence and Reasoning

Priya's father was 38 years of age when she was born. Her mother was 36 when her brother 4 years younger to her was born. How many years is her mother younger than her father?

A. 8

B. 6 ✓

C. 5

D. 4

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Q6 General Intelligence and Reasoning

Complete the series.

Z, W, T, Q, (...)

A. S

B. P

C. O

D. N ✓

Q7 General Intelligence and Reasoning

If $A = 30°$, then find the value of $\cos^2 A + \cos^2 (60° + A) + \cos^2 (60° - A)$.

A. $\frac{3}{2}$ ✓

B. $\frac{\sqrt{3}}{2}$

C. $-\frac{3}{2}$

D. 1

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Q8 General Intelligence and Reasoning

In this question, three statements are given followed by four conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All laptops are keyboards.

2) Some printers are laptops.

3) All keyboards are scanners.

Conclusions:

I. Some scanners are laptops.

II. Some printers are scanners.

III. All laptops are scanners.

IV. Some laptops are not scanners.

A. Only conclusions III and IV follow

B. Only conclusions I, III and IV follow

C. Only conclusions I, II and III follow ✓

D. Only conclusions I and IV follow

Q9 General Intelligence and Reasoning

Simplify: $\frac{121}{3\frac{2}{3}} + \frac{92}{7\frac{1}{3}}$

A. $43\frac{11}{19}$

B. $41\frac{12}{13}$

C. $40\frac{13}{11}$

D. $45\frac{6}{11}$ ✓

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Q10 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends—Manoj, Ritu, Banu, Rishi, Anu, Rohan, Sonu and Akash sit in a row having chairs numbered one to eight in ascending order from left to right. They all are facing north direction. Banu sits on the chair numbered six. There are exactly two persons between Banu and Manoj. Ritu and Akash always sit adjacent to each other. Sonu sits adjacent to neither Manoj nor Banu. Anu never sits on a chair having an odd number on it. Neither Ritu nor Akash sits on chair numbered four. There is only one person between Rohan and Ritu. Anu sits on the right (not an immediate right) of Rishi, and Rishi never sits adjacent to Rohan.

Who among the following sits on a chair which is having an even number on it?

A. Ritu

B. Rohan

C. Manoj

D. Anu ✓

Q11 General Intelligence and Reasoning

P and Q run along a circular track in 4 minutes and 7 minutes respectively. They start from the same point at the same time. When Q has completed 12 rounds, how many times will they meet if they run in, (i) Same direction, (ii) Opposite directions?

A. (i) 9, (ii) 33 ✓

B. (i) 9, (ii) 12

C. (i) 6, (ii)18

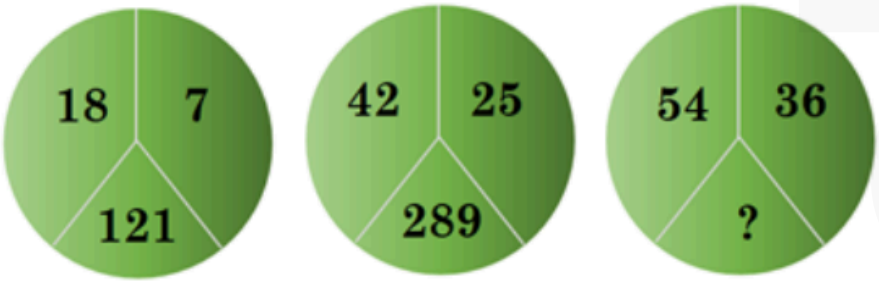
D. (i) 9, (ii) 8

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Q12 General Intelligence and Reasoning

Choose the alternative that best replaces the question mark(?) in the given figure.



A. 336

B. 312

C. 318

D. 324 ✓

Q13 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 37

B. 27 ✓

C. 61

D. 19

Q14 General Intelligence and Reasoning

If $x^3 = n$ and the units digit of 'n' is a prime number, what are the possible choices for 'x' among the numbers from 1 to 9.

A. 3, 5, 7, 8 ✓

B. 3, 5 ,7

C. 2, 3, 4, 5

D. 1, 5, 3

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Q15 General Intelligence and Reasoning

If west becomes north and north becomes east and so on, what will be the south west?

A. South

B. North west ✓

C. North east

D. West

Q16 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Heavy - Fat ✓

B. Birth - Death

C. Near - Away

D. Profit - Loss

Q17 General Intelligence and Reasoning

In a certain code, 'PSHO' is coded as 'FIRE'. How would 'KQDS' be coded?

A. CARD

B. WIRE

C. AGNI ✓

D. BAVO

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Q18 General Intelligence and Reasoning

In the following question, which one of the four interchanges in signs and numbers would make the given equation correct?

7 + 2 - 4 + 1 = 6

A. ÷ and + ; 2 and 7

B. - and + ; 2 and 1

C. ÷ and - ; 2 and 4 ✓

D. ÷ and + ; 7 and 4

Q19 General Intelligence and Reasoning

Simplify: $\frac{\sin 3A}{\sin A} - \frac{\cos 3A}{\cos A}$

A. 2 ✓

B. -2

C. 1/3

D. 3

Q20 General Intelligence and Reasoning

In a certain code, 'TABLE' is written as 'WDEOH'. How would 'SKY' be written in that code?

A. NYB

B. TBN

C. VNB ✓

D. BNY

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Q21 General Intelligence and Reasoning

In a certain language, 'pre nat bis' means 'smoking is harmful', 'vog dor nat' means 'avoid harmful habit', and 'dor bis yel' means 'please avoid smoking'. Which of the following means 'habit' in that language?

A. vog ✓

B. dor

C. bis

D. nat

Q22 General Intelligence and Reasoning

If $\frac{a}{b}+\frac{b}{a}=1$, then find a^3+b^3.

A. 2

B. -1

C. 0 ✓

D. 1

Q23 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

RZ, BX, FU, (...), NL

A. UN

B. GS

C. JQ ✓

D. SL

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Q24 General Intelligence and Reasoning

Choose from the alternatives the figure that best completes the pattern given below.



A. 

B.  ✓

C. 

D. 

Q25 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

J, K, L, M, N, X, Y and Z are playing a game standing in a circle facing outwards. L is neither the neighbour of J nor of Y. M is the neighbour of J but not of Z. N is the neighbour of Z and is third to the right of X. K is the neighbour of X and fourth to the left of M.

Who among the following stands third to the right of K?

A. L ✓

B. J

C. Y

D. M

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

If $\frac{\cos\theta}{1-\sin\theta}-\frac{\cos\theta}{1+\sin\theta}=2$ find the value of 'θ', where 'θ' is acute.

A. $90°$

B. $60°$

C. $45°$ ✓

D. $30°$

Q2 General Intelligence and Reasoning

Complete the series.

Z, X, T, N, (...)

A. Y

B. D

C. U

D. F ✓

Q3 General Intelligence and Reasoning

If $\frac{x}{x^2-1}=\frac{A}{x-1}+\frac{B}{x+1}$, then find A and B.

A. 2, 2

B. 2, -2

C. 1/2, -1/2

D. 1/2, 1/2 ✓

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Q4 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some papers are pens.

2) All pens are pencils.

Conclusions:

I. All pencils are pens.

II. Some papers are pencils.

A. Only conclusion I follows

B. Both conclusions I and II follow

C. Neither conclusion I nor II follows

D. Only conclusion II follows ✓

Q5 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

A, B, C, D, E, F, G and H are sitting around a circular table facing the centre. No two males or two females are immediate neighbours of each other. A is the wife of H and sits to the immediate left of H. A sits third to the left of E. F sits second to the right of D. D is not an immediate neighbour of A or E. H and C are immediate neighbours of each other. F is not an immediate neighbour of his wife B.

How many people sit between B and F when counted in anti-clockwise direction from B?

A. Two ✓

B. Three

C. Five

D. Four

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Q6 General Intelligence and Reasoning

Find the missing number in the following series.

7, 14, 56, (...), 2688, 26880

A. 329

B. 317

C. 336 ✓

D. 312

Q7 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

During a party, a game is being played. For the game, 9 people from P to X (mix of boys and girls) have to stand in a vertical row. Boys are wearing blue helmets and girls are wearing green helmets. The row starts at top and with a green helmet. Boys and girls stand alternately in the row. Each position in the row can be occupied by one person only.
i) P stands seven places before Q.
ii) Third green helmet is R.
iii) Second boy after R is S.
iv) Fourth place in the row is occupied by T.
v) U stands ahead of P.
vi) V stands between R and P.
vii) X is a girl.

Who among the following stands after X?

A. R

B. S ✓

C. T

D. P

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Q8 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. PQ ✓

B. LO

C. MP

D. CF

Q9 General Intelligence and Reasoning

Number of Green House Gases, as recognized by the Kyoto Protocol is-

A. 3

B. 6 ✓

C. 5

D. 4

Q10 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 41

B. 71

C. 35 ✓

D. 67

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Q11 General Intelligence and Reasoning

One day morning, Ganesh and Shiva were facing to each other, where Siva's shadow fell on the left side of Ganesh. Which side was Siva facing?

A. East

B. North

C. West

D. South ✓

Q12 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

YXZ, XWY, (...), VUW, UTV, TSU

A. VWT

B. WVX ✓

C. WXV

D. TVX

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Q13 General Intelligence and Reasoning

Which of the following options will best complete the relationship given below?

62(3927)23

42(2714)15

53(????)19

A. 3421

B. 3214

C. 3412 ✓

D. 3142

Q14 General Intelligence and Reasoning

If 'PALAM' could be given the code number 43, what code number can be given to 'SANTACRUZ?'

A. 75

B. 120

C. 85

D. 123 ✓

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Q15 General Intelligence and Reasoning

Which number will best complete the relationship given below?

9 : 36 :: 11 : ?

A. 41

B. 44 ✓

C. 43

D. 42

Q16 General Intelligence and Reasoning

How is acceleration due to gravity denoted?

A. Capital letter G

B. Small letter g ✓

C. Greek letter α

D. Greek letter epsilon ε

Q17 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. IM

B. BD

C. TL ✓

D. OU

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Q18 General Intelligence and Reasoning

In this question, two statements are given and a conclusion is drawn. Find out which of the alternatives justifies the given conclusion.

Statements:

1) 6 and 5 are even and odd numbers.

2) 6 and 5 together make 11.

Conclusion:

11 is a prime number.

A. The conclusion drawn is irrelevant ✓

B. The conclusion drawn is definitely true

C. The conclusion drawn is probably true

D. The conclusion drawn is false

Q19 General Intelligence and Reasoning

If 'gnr tag zog qmp' stands for 'seoul olympic organizing committee', 'hyto gnr emf' stands for 'summer olympic games' and 'esm sdr hyto' stands for 'modern games history', what would be the code for 'summer'?

A. emf ✓

B. hyto

C. gnr

D. zog

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Q20 General Intelligence and Reasoning

Find the wrong number in the given series.

7, 62, 441, 2205, 6615

A. 6615

B. 441

C. 62 ✓

D. 2205

Q21 General Intelligence and Reasoning

A man is facing west. He turns right, and walks forward and then he turns again towards his right. In which direction is he now?

A. West

B. South

C. North

D. East ✓

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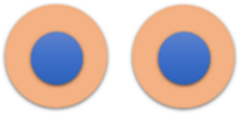
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Q22 General Intelligence and Reasoning

Choose the figure that best represents the relationship among the classes given below.
Potato, Food, Carrot, Vegetable

A. 

B. 

C. 

D. 

Q23 General Intelligence and Reasoning

Which of the following belongs to the same period of Group 1A?

A. Ni, Cu, Zn

B. Fe, Cl, Br

C. Li, Mg, Ca

D. Li, Na, K

Dropped by RRB: discrepancy found in question/answer, ignored for all candidates (no answer key).

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Q24 General Intelligence and Reasoning

In this question, a statement is given followed by four conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:
Every library has books.

Conclusions:
I. Books are only in libraries.
II. Libraries are meant for books only.
III. No library is without books.
IV. Some libraries do not have readers.

A. Only conclusion IV follows

B. Only conclusion III follows ✓

C. Only conclusion I follows

D. Only conclusions I and II follow

Q25 General Intelligence and Reasoning

In a certain code, 'JUDICIAL' is written as 'UJIDICLA'. How will 'GLORIOUS' be written in that code?

A. LGOORISU

B. GLOOIRSU

C. LGROOISU ✓

D. LOURCIGA

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General Intelligence and Reasoning

25 Questions • Answer Key

Q1 General Intelligence and Reasoning

If 'MISTAKE' is coded as 9765412 and 'NAKED' is coded as 84123, how is 'ASSIST' coded?

A. 435985

B. 466765 ✓

C. 488976

D. 166762

Q2 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight colleagues—J, K, L, M, N, O, P and Q are sitting around a circular table facing the center but not necessarily in the same order. Each one of them holds a different post—Inspector, Accountant, Clerk, Goods guard, Safaiwala, Trackman, Pilot and Fireman.
J sits third to the right of the Fireman, and only two people sit between the Fireman and Q. The Safaiwala and the Accountant are immediate neighbours. Neither J nor Q is a Safaiwala or an Accountant. The Safaiwala is not an immediate neighbour of the Fireman. The Inspector sits second to the left of N. N is not an immediate neighbour of Q. The Inspector is an immediate neighbour of both the Trackman and the Pilot. The Pilot sits third to the right of K. K is not the Safaiwala. L sits to the immediate right of the Clerk. J is not the Clerk. O is not an immediate neighbour of J. P is not an immediate neighbour of the Inspector.

Who among the following is the Goods guard of the company?

A. J ✓

B. N

C. P

D. Q

Q3 General Intelligence and Reasoning

Raju starts walking towards east. After a while, he turns left and then to his right. Finally, after walking some distance, he turns left. In which direction is he moving now?

A. South

B. West

C. East

D. North ✓

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Q4 General Intelligence and Reasoning

In this question, three statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:
1) Some newspapers are magazines.
2) All newspapers are books.
3) Some books are journals.

Conclusions:
I. Some journals are newspapers.
II. All magazines are books.

A. Both conclusions I and II follow
B. Only conclusion II follows
C. Neither conclusion I nor II follows ✓
D. Only conclusion I follows

Q5 General Intelligence and Reasoning

Complete the series.

HZ, AA, NF, DK, (...)

Top

A. DF
B. BA
C. ZC
D. SP ✓

Q6 General Intelligence and Reasoning

P is 25% less efficient than Q. In what ratio should their wages be shared?

A. 3 : 4 ✓
B. 3 : 2
C. 4 : 3
D. 3 : 5

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Q7 General Intelligence and Reasoning

Ram travels a distance of 5 km from a place A towards north, and then turns left and walks 3 km, again turns right and walks 2 km. Finally, he turns right and walks 3 km to reach the place B. What is the distance between A and B?

A. 13 km

B. 7 km ✓

C. 2 km

D. 10 km

Q8 General Intelligence and Reasoning

Complete the series.

QY, JT, EO, BJ, (...)

A. AO

B. LP

C. AE ✓

D. SX

Q9 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Bricklayer : Trowel :: Tailor : ?

A. Axe

B. Plough

C. Needle ✓

D. Brush

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Q10 General Intelligence and Reasoning

Which of the following statements about the modern periodic table is NOT correct?

A. The periodic table is arranged in order of atomic number

B. There are seven periods in the periodic table

C. There are 18 groups in the periodic table

D. Period 1 has only one element ✓

Q11 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Cricket : Bails :: Billiards : ?

A. Cue ✓

B. Bat

C. Racket

D. Cork

Q12 General Intelligence and Reasoning

In a certain code language, 'tim pac' means 'red colour', 'pit it tim' means 'red and black' and 'nac pit' means 'yellow black'. Which word in that language means 'and'?

A. it ✓

B. pit

C. tim

D. nac

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Q13 General Intelligence and Reasoning

If $5x^2 - 13xy + 6y^2 = 0$, find x : y.

A. (3 : 5) only

B. (3 : 5) or (2 : 1) ✓

C. (2 : 1) only

D. (5 : 3) or (1 : 2)

Q14 General Intelligence and Reasoning

Find the square root of $\frac{x^2}{y^2}+\frac{y^2}{x^2}-2$.

A. $\frac{x}{2y}+\frac{y}{2x}$

B. $\frac{x-y}{2}$

C. $\frac{x}{y}+\frac{y}{x}$

D. $\frac{x}{y}-\frac{y}{x}$ ✓

Q15 General Intelligence and Reasoning

If a, 1, b are in arithmetic progression and 1, a, b are in geometric progression, then a and b are respectively equate to _____ (where a ≠ b).

A. -1, 2

B. 4, 1

C. 2, 4

D. -2, 4 ✓

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Q16 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Class - Student

B. Sentence - Word

C. Tree - Forest ✓

D. Hour - Minute

Q17 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some shoes are coats.

2) Some coats are buttons.

Conclusions:

I. No button is shoe.

II. Some shoes are buttons

A. Only conclusion II follows

B. Both conclusions I and II follow

C. Only conclusion I follows

D. Either conclusion I or II follows ✓

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Q18 General Intelligence and Reasoning

In this question, two statements are given and a conclusion is drawn. Find out which of the alternatives justifies the given conclusion.

Statements:

1) All teachers are learned.

2) Learned people are always gentle.

Conclusion:

All teachers are gentle persons.

A. The conclusion drawn is irrelevant

B. The conclusion drawn is definitely true ✓

C. The conclusion drawn is probably true

D. The conclusion drawn is false

Q19 General Intelligence and Reasoning

Difference of ages of father and son is 24 years. Two years back age of father was twice the son's present age. What is father's age now?

A. 42

B. 44

C. 38

D. 46 ✓

Q20 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. X ✓

B. Y

C. KN

D. LM

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Q21 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 55

B. 62 ✓

C. 88

D. 33

Q22 General Intelligence and Reasoning

Convert into vulgar fraction: 4.12

A. $4\frac{11}{90}$ ✓

B. $4\frac{11}{99}$

C. $\frac{299}{121}$

D. $\frac{371}{900}$

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Q23 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

Domestic demand has been increasing faster than the production of indigenous crude oil.

Conclusions:

I. Crude oil must be imported if the demand has to be met.

II. Domestic demand should be reduced.

A. Only conclusion I follows ✓

B. Either conclusion I or II follows

C. Both conclusions I and II follow

D. Only conclusion II follows

Q24 General Intelligence and Reasoning

Which of the following is NOT a cereal?

A. Barley

B. Corn

C. Mustard ✓

D. Rye

Q25 General Intelligence and Reasoning

If in a certain language 'CURTAIN' is coded as 'CAITURN', how is 'HILLOCK' coded in that language?

A. HOLLICK

B. HKLIOC

C. HOCLILK ✓

D. HCOLLIK

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 177

B. 153

C. 121 ✓

D. 159

Q2 General Intelligence and Reasoning

If 'THRASH' is coded as 'UGSZTG', how will 'HEAD' be coded?

A. IDBC ✓

B. GDBC

C. GDZC

D. IECD

Q3 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

FDA : MKH :: QOL : ?

A. QUZ

B. XSV

C. XVS ✓

D. SVX

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Q4 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All flowers are candles.

2) No candle is lantern.

Conclusions:

I. No flower is lantern.

II. All candles are flowers.

A. Only conclusion I follows ✓

B. Both conclusions I and II follow

C. Neither conclusion I nor II follows

D. Only conclusion II follows

Q5 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 9 ✓

B. 13

C. 11

D. 7

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Q6 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

Candidates should be young, energetic and dynamic in the age group of 27 to 32 years.

Conclusions:

I. Persons below 27 years are not energetic.

II. Persons above 32 years are not young.

A. Only conclusion II follows

B. Both conclusions I and II follow

C. Neither conclusion I nor II follows ✓

D. Only conclusion I follows

Q7 General Intelligence and Reasoning

What is the medico-legal name given to the dissection and study of a dead human body?

A. Autolepsy

B. Causa medico

C. Analysis

D. Autopsy ✓

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Q8 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends—A, B, C, D, E, F, G and H are sitting around a circular table for a meeting facing center. A is second to the right of G who is third to the right of B. D is second to the left of F who sits between G and A. C is not a neighbour of B or E.

Who is to the immediate left of B?

A. H ✓

B. C

C. E

D. D

Q9 General Intelligence and Reasoning

Choose the correct order of signs from the options so as to make the equation correct.

18 - 5 x 50 = 40

A. -, X, =

B. X, =, -

C. =, -, X

D. X, -, = ✓

Q10 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

VA, ND, (...), DP, BY

A. NR

B. HI ✓

C. SE

D. TU

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Q11 General Intelligence and Reasoning

A boy is standing at a platform and sees his watch showing 3:45 PM. The hour hand points east and the minute hand points west. Which direction the boy is facing now?

A. South east

B. North ✓

C. South west

D. East

Q12 General Intelligence and Reasoning

Around a circular track of 120 m, P and Q start running simultaneously from the same point in the same direction at 20 m/min and 12 m/min. At how many points will they meet?

A. 4

B. 2 ✓

C. 1

D. 3

Q13 General Intelligence and Reasoning

In a certain code, 'ITNIETAM' is coded as 'INTIMATE'. How will 'TREVNIETARBI' be coded?

A. INVERTIBARTE

B. INVRETIBRATE

C. INVERTIBRETA

D. INVERTIBRATE ✓

Q14 General Intelligence and Reasoning

If 'ROPE' is coded as 6821 and 'CHAIR' is coded as 73456, then what will be the code for 'CRAPE'?

A. 76421 ✓

B. 77246

C. 77123

D. 73456

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Q15 General Intelligence and Reasoning

Choose the pair in which the words show the same relationship as in the pair given below.

Cholera : Water

A. Cat : Plague

B. Malaria : Mosquito ✓

C. Medicine : Disease

D. Poison : Death

Q16 General Intelligence and Reasoning

In a survey conducted in a locality, it was found that 50% read newspaper A, 40% read newspaper B, and 20 % read neither A nor B. If the number of persons who read both A and B is 500, then how many persons were surveyed?

A. 7000

B. 3000

C. 5000 ✓

D. 4500

Q17 General Intelligence and Reasoning

Find the value of $\frac{1}{1\times2}+\frac{1}{2\times3}+\frac{1}{3\times4}+\frac{1}{4\times5}+\frac{1}{5\times6}+....+\frac{1}{9\times10}$

A. 1/10

B. 9/10 ✓

C. 5/11

D. 2/5

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Q18 General Intelligence and Reasoning

What is the area of a regular hexagon of side 6 cm?

A. $108\sqrt{3}$ cm²

B. $64\sqrt{3}$ cm²

C. $54\sqrt{3}$ cm² ✓

D. $72\sqrt{3}$ cm²

Q19 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. HJL

B. PRT

C. OQS

D. WYZ ✓

Q20 General Intelligence and Reasoning

Simplify: $\sqrt{25+10\sqrt{6}}+\sqrt{25-10\sqrt{6}}$

A. $2\sqrt{15}$ ✓

B. $2\sqrt{5}$

C. $\sqrt{50}$

D. $\sqrt{55}$

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Q21 General Intelligence and Reasoning

Anitha walks 4 km towards north direction and turns left. After reaching 2 km, she turns right and walks 5 km. Which direction is she standing from the starting point?

A. North west ✓

B. South west

C. South east

D. North east

Q22 General Intelligence and Reasoning

Find the wrong group of alphabets in the following series.

BZ, DV, ES, HN, JJ

A. ES ✓

B. BZ

C. HN

D. JJ

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Q23 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

This world is neither good nor evil; each man manufactures a world for himself.

Conclusions:

I. Some people find this world good.

II. Some people find this world bad.

A. Only conclusion II follows

B. Only conclusion I follows

C. Both conclusions I and II follow ✓

D. Either conclusion I or II follows

Q24 General Intelligence and Reasoning

Where is the pituitary gland located in the human body?

A. In the intestine

B. Near the spleen

C. On the top of kidneys

D. At the base of the brain ✓

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Q25 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends—A, B, C, D, E, F, G and H are sitting around a circular table facing the centre. Each one of them likes different brands of air conditioner—Daikin, Samsung, Blue Star, Godrej, Onida, Panasonic, Voltas and Whirlpool, but not necessarily in the same order.

A sits third to the right of the person who likes Whirlpool. A does not like Blue Star. E is not an immediate neighbour of H. C sits on the immediate right of the person who likes Blue Star. Neither A nor H likes Onida or a Samsung. The person who likes Onida is not an immediate neighbour of the person who likes Whirlpool. The person who likes Daikin sits second to the left of E. The person who likes Daikin is an immediate neighbour of the both persons who like Panasonic and Voltas. Person who likes Voltas sits third to the right of B. B does not like Onida. F is not an immediate neighbour of A. G is not an immediate neighbour of the person who likes Daikin. Only two people sit between the person who likes Voltas and H. The persons who like Onida and the Samsung are immediate neighbours of each other.

Who among the following sits on the immediate right of A?

A. B

B. H

C. G

D. D ✓

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General Intelligence and Reasoning
25 Questions • Answer Key

Q1 General Intelligence and Reasoning

If in a certain code, RAT = 40, CHAT = 33, then RETURN = ?

A. 99
B. 97 ✓
C. 84
D. 88

Q2 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Oil : Seed :: Metal : ?

A. Paper
B. Leather
C. Ore ✓
D. Brick

Q3 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. HTI ✓
B. GQI
C. DRM
D. ETN

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Q4 General Intelligence and Reasoning

Ram is facing towards east and Ravi is facing Ram and walking towards him. Ravi takes a left turn. Which direction is Ravi facing now?

A. East

B. South west

C. South east

D. South ✓

Q5 General Intelligence and Reasoning

The town of Paranda is located on Green lake. The town of Akram is to the west of Paranda. Tokhada is to the east of Akram but to the west of Paranda. Kokran is east of Bopri but west of Tokhada and Akram. If they are all in the same district, which town is the farthest west?

A. Paranda

B. Kokran

C. Akram

D. Bopri ✓

Q6 General Intelligence and Reasoning

Which of the following options will best complete the relationship given below?

8(246)3
3(213)7
3(???)5

A. 516

B. 615

C. 156 ✓

D. 165

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Q7 General Intelligence and Reasoning

Natural source of vitamin C is-

A. Guava

B. Spinach

C. All of the options ✓

D. Apple

Q8 General Intelligence and Reasoning

Simplify: $\sqrt{0.01+\sqrt{0.0225}}$

A. 0.4 ✓

B. 0.04

C. 4

D. 16

Q9 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 290 ✓

B. 324

C. 144

D. 100

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Q10 General Intelligence and Reasoning

Find the group of wrong alphabets in the following series.

MA, WO, OE, SI, YM

A. SI

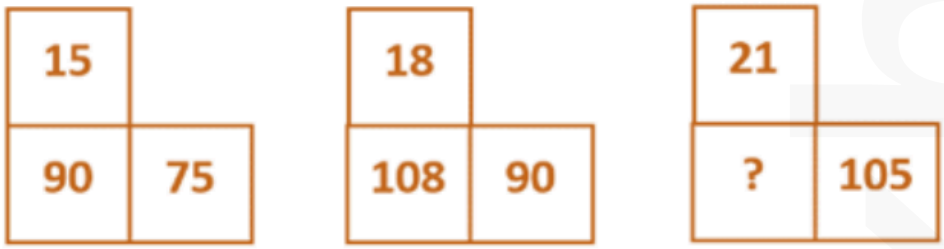
B. OE

C. WO ✓

D. YM

Q11 General Intelligence and Reasoning

Choose the alternative that best replaces the question mark(?) in the given figure.



A. 136

B. 84

C. 108

D. 126 ✓

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Q12 General Intelligence and Reasoning

In a right triangle, the sides are in the ratio $1 : 1 : \sqrt{2}$.

Find cos A cos B - sin A sin B.

A. $1/2$

B. 1

C. $\frac{1}{\sqrt{2}}$

D. 0 ✓

Q13 General Intelligence and Reasoning

One day in the evening, an eagle was flying towards sun and turned left. Again it took left turn. Which direction was the eagle flying now?

A. South

B. South west

C. East ✓

D. South east

Q14 General Intelligence and Reasoning

Complete the series.

CJ, PU, ND, LG, (...)

A. RE

B. JE ✓

C. KS

D. VV

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Q15 General Intelligence and Reasoning

How many squares are there in the given figure?



A. 11

B. 14 ✓

C. 12

D. 10

Q16 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight captains of different cricket teams—Australia, New Zealand, India, Pakistan, Sri Lanka, England, West Indies and South Africa are sitting around a circular table and are facing the centre, but not necessarily in the same order. Indian captain sits third to the left of the Sri Lankan captain. Only two people sit between the Australian captain and West Indies captain. Neither the Australian captain nor West Indies captain is an immediate neighbour of the Indian captain. The captain of South Africa sits second to the right of the England captain. England captain is not an immediate neighbour of the Indian captain. The Australian captain sits third to the left of the Indian captain. Captains of Pakistan and New Zealand are not immediate neighbours. Pakistan captain sits third to the left of the England captain.

Which of the following captains sits exactly between the captain of India and West Indies?

A. Sri Lanka

B. South Africa

C. Pakistan ✓

D. Australia

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Q17 General Intelligence and Reasoning

Efficiencies of P, Q, R and S in doing a job are in the ratio 2 : 3 : 5 : 4. The wages paid for the job are Rs.4200. Who is paid the largest amount and how much is paid?

Top

A. R, Rs.2000

B. S, Rs.1600

C. R, Rs.1500 ✓

D. P, Rs.2000

Q18 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

A, B, C, D, E, F, G and H are sitting around a circle facing the center. B is third to the right of F and third to the left of H. C is fourth to the left of A. A is not an immediate neighbour of F and B. E is not an immediate neighbour of B. G is second to the right of D.

Who is to the immediate right of H?

A. E ✓

B. A

C. F

D. G

Q19 General Intelligence and Reasoning

If $\cot\theta = \frac{a}{b}$, then find $\frac{\cos\theta - \sin\theta}{\cos\theta + \sin\theta}$.

A. a^2/b^2

B. b/a

C. a/b

D. $(a - b)/(a + b)$ ✓

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Q20 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Asphalt : Road :: Brick : ?

Top

A. Cloth

B. Wall ✓

C. Fabric

D. Prism

Q21 General Intelligence and Reasoning

In a certain code, 'MEDICAL' is written as 'MEIDCAL'. How would 'POLICE' be written in that code?

A. ILCEPO

B. POCEIL

C. PCELIO

D. POILCE ✓

Q22 General Intelligence and Reasoning

In this question, three statements are given followed by four conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:
1) All gold are platinum.
2) Some platinum are silver.
3) All silver are diamonds.

Conclusions:
I. Some diamonds are platinum.
II. Some diamonds are gold.
III. Some silver are gold.
IV. Some platinum are diamonds.

A. Only conclusions I and IV follow ✓

B. Only conclusions I and II follow

C. Only conclusion III follows

D. Only conclusions I and III follow

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Q23 General Intelligence and Reasoning

If '+' means '÷', '-' means 'x', 'x' means '-' and '÷' means '+', then (5 - 8 x 6 ÷ 11) + 9 = ?

A. 5 ✓

B. 20

C. 15

D. 12

Q24 General Intelligence and Reasoning

Find the missing number in the following series.

1, 1, 2, (...), 24, 120, 720

A. 8

B. 3

C. 6 ✓

D. 2

Q25 General Intelligence and Reasoning

If 31 December 2005 was a Saturday, then what day of the week will 31 December 2009 be?

A. Saturday

B. Sunday

C. Friday

D. Thursday ✓

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

A man started from a place. After walking a kilometer, he turns left. Then walking for half a kilometer, he again turns left. He is going eastwards. Towards which direction did he start?

A. East

B. South

C. North

D. West ✓

Q2 General Intelligence and Reasoning

In a certain code, 'JOVIAL' is written as 'NQZKEN'. How would 'FIGURE' be written in that code?

A. JKKWVG ✓

B. JKWKVG

C. JKKVWG

D. JKKWGV

Q3 General Intelligence and Reasoning

In a certain code language, 'TELEPHONE' is written as 'ENOHPELET'. How is 'ALIGATOR' written in that code?

A. ROTAGILE

B. ROTEGILA

C. ROTAGIAL

D. ROTAGILA ✓

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Q4 General Intelligence and Reasoning

Which number will best complete the relationship given below?

343 : 7 :: 729 : ?

A. 12

B. 9 ✓

C. 11

D. 7

Q5 General Intelligence and Reasoning

Find the greatest number that can be formed out of the digits 9, 0, 8, 7, 9.

A. 98970

B. 90987

C. 99780

D. 99870 ✓

Q6 General Intelligence and Reasoning

Three of the following four of alphabets and numerals have the same relationship between their elements as in the case of the pair ROUT : 5487 and hence form a group. Which of the following does not belong to the group?

A. ROT : 587 ✓

B. OUT : 487

C. OUR : 485

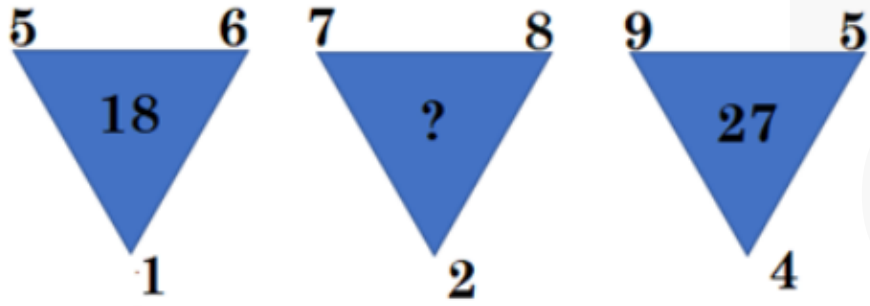
D. TOR : 745

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Q7 General Intelligence and Reasoning

Choose the alternative that best replaces the question mark(?) in the given figure.



A. 27

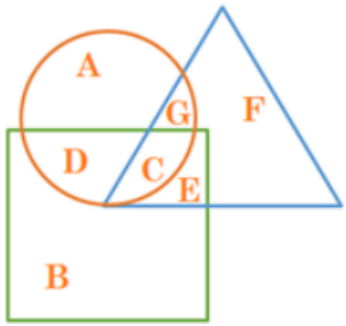
B. 39 ✓

C. 32

D. 41

Q8 General Intelligence and Reasoning

In the given figure, the circle represents writers, triangle represents engineers, and square represents dancers. Which region represents writers and dancers but not an engineers?



A. G

B. E

C. C

D. D ✓

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Q9 General Intelligence and Reasoning

Three friends—P, Q and R are living in the same locality. The house of Q is to the east of P's house, and R's house is to the south of P's house. What is the direction of R's house with respect to Q's house?

A. North

B. North west

C. South west ✓

D. South

Q10 General Intelligence and Reasoning

Find the equivalent fraction pairs from the following fractions.

2/5, 8/11, 42/63, 57/33, 48/120, 2/3

A. (2/5, 48/120) and (42/63, 2/3) ✓

B. (2/5, 8/11)

C. (2/5, 48/120)

D. (42/63, 2/3)

Q11 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Five friends A, B, C, D and E are sitting on a bench facing north. A is sitting next to B. D is sitting next to C. D is not sitting with E. E is on the left end of the bench. C is on the second position from the right. A sits to the right of B. A and C are sitting together.

Who is sitting in the middle of the bench?

A. D

B. B

C. A ✓

D. C

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Q12 General Intelligence and Reasoning

Complete the series.

A, C, A, E, A, G, A, I, A, (...)

A. K ✓

B. P

C. N

D. Q

Q13 General Intelligence and Reasoning

If doubling a number and adding 20 to the result gives the same answer as multiplying the number by 8 and taking away 4 from the product, find the number.

A. 3

B. 6

C. 4 ✓

D. 2

Q14 General Intelligence and Reasoning

In the following question, correct the equation by interchanging the two signs.

4 x 3 - 6 + 2 + 7 = 8

A. x and ÷

B. + and - ✓

C. + and ÷

D. - and x

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Q15 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

WC, CW, (...), MM, RH

A. MM

B. HR ✓

C. WC

D. CW

Q16 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. LCI ✓

B. DTJ

C. BJV

D. APQ

Q17 General Intelligence and Reasoning

Solve for x and y: 9x + 3y + 12 = 0 ; 18x + 6y+ 24 = 0

A. x = 1 ; y = 7

B. x = 4 ; y = - 16

C. x = 2 ; y = - 10

D. No unique solution. There are infinitely many solutions ✓

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Q18 General Intelligence and Reasoning

Which number is a factor of all numbers?

A. 1 ✓

B. 2

C. -1

D. 0

Q19 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight colleagues—A, B, C, D, E, F, G and H are sitting around a circular table facing the center but not necessarily in the same order. Each one of them holds a different post—Manager, Secretary, Chairman, President, Vice President, Group Leader, Financial Advisor and Managing Director.
A sits third to the right of the Managing Director, and only two people sit between the Managing Director and H. The Vice President and the Secretary are immediate neighbours. Neither A nor H is a Vice President or a Secretary. The Vice President is not an immediate neighbour of the Managing Director. The Manager sits second to the left of E. E is not an immediate neighbour of H. The Manager is an immediate neighbour of both the Group Leader and the Financial Advisor. The Financial Advisor sits third to the right of B. B is not the Vice President. C sits to the immediate right of the Chairman. A is not the Chairman. F is not an immediate neighbour of A. G is not an immediate neighbour of the Manager.

Who among the following sits third to the left of E?

A. Financial Advisor ✓

B. President

C. Vice President

D. Secretary

Q20 General Intelligence and Reasoning

The protein in haemoglobin is-

A. Globin ✓

B. Globulin

C. Haem

D. Albumin

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Q21 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 

B. 

C. 

D. 

Q22 General Intelligence and Reasoning

If $\sqrt{2x-1}-\sqrt{x-4}=2$, then find the values of 'x'.

A. -13, 5

B. 6, -9

C. -13, -5

D. 13, 5

Q23 General Intelligence and Reasoning

Which of the following is NOT a root?

A. Turnip

B. Beetroot

C. Cabbage

D. Radish

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Q24 General Intelligence and Reasoning

'A' is to the south east of 'C', 'B' is to the east of 'C' and north east of 'A'. If 'D' is to the north of 'A' and north west of 'B', then what is the direction of 'C' with respect to 'D'?

A. South west ✓

B. North west

C. North east

D. South east

Q25 General Intelligence and Reasoning

Which number will best complete the relationship given below?

15 : 65 :: 24 : ?

A. 126 ✓

B. 134

C. 130

D. 103

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General Intelligence and Reasoning

25 Questions • Answer Key

Q1 General Intelligence and Reasoning

What should be the smallest integer in place of * if the number 502*693 is exactly divisible by 9?

A. 4

B. 3

C. 2 ✓

D. 0

Q2 General Intelligence and Reasoning

If '+' means '-', '-' means '+', '÷' means 'x' and 'x' means '÷', then 18 x 3 ÷ 4 - 5 + 3 = ?

A. 21

B. 26 ✓

C. 29

D. 31

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Q3 General Intelligence and Reasoning

Choose from the alternatives the figure that best completes the pattern given below.



A.  ✓

B. 

C. 

D. 

Q4 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Cougar

B. Elephant ✓

C. Leopard

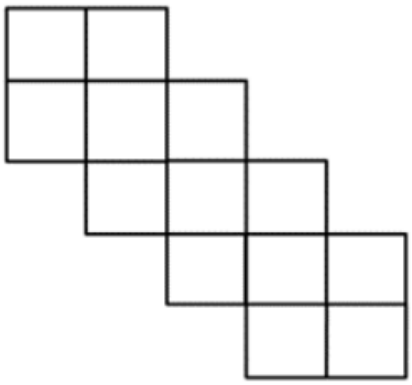
D. Cheetah

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Q5 General Intelligence and Reasoning

How many squares are there in the given figure?



A. 19

B. 17 ✓

C. 15

D. 21

Q6 General Intelligence and Reasoning

Sneha wants to go to the market. She starts from her home which is in the north and comes to the crossing. The road to her left ends in a park and straight ahead is the office complex, and market is located direct opposite to the park. In which direction is the market to the crossing?

A. East

B. West ✓

C. North

D. South

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Q7 General Intelligence and Reasoning

Complete the series.

ABZ, BCY, CDX, DEW, (...)

A. DEV

B. DEF

C. FEV

D. EFV ✓

Q8 General Intelligence and Reasoning

Gokul walks 8 km from his home towards east. He turns left to cover 2 km, and he turns right and walks 3 km. Find the distance he travelled towards east?

A. 8 km

B. 14 km

C. 11 km ✓

D. 5 km

Q9 General Intelligence and Reasoning

Complete the series.

B, C, F, G, J, K, (...)

A. P

B. M

C. O

D. N ✓

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Q10 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Six boys—A, B, C, D, E, F are standing in one row, and six girls—G, H, I, J, K, L are standing in another row in such a way that each girl faces one boy, not necessarily in the same order. G is to the immediate right of the girl who is facing E, the boy at the extreme right. Only B is between D and E. F is to the immediate left of A and to the immediate right of C. I is facing A and is to the immediate left of H. L is third to the left of J.

Which of the following boys is to the immediate left of D?

A. A ✓

B. F

C. B

D. E

Q11 General Intelligence and Reasoning

If A and B are supplementary angles, then find the value of $\frac{\tan A + \tan B}{1 - \tan A \tan B}$.

A. 1/2

B. 0 ✓

C. 1

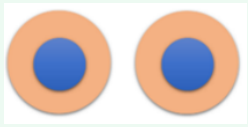
D. -1

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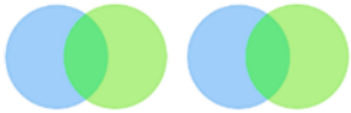
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Q12 General Intelligence and Reasoning

Choose the figure that best represents the relationship among the classes given below.
Teachers, Language, Hindi, Educated

A. 

B. 

C. 

D. 

Q13 General Intelligence and Reasoning

If 'PEOPLE' is coded as 'PLPOEE', how is 'TREND' coded?

Top

A. DNERT

B. TNERD

C. TREDN

D. NDETR

Q14 General Intelligence and Reasoning

K-shell is the _____ energy level.

A. First

B. Fourth

C. Second

D. Third

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Q15 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

BAT : YZG :: EMU : ?

A. VFN

B. VNF ✓

C. FNV

D. FVN

Q16 General Intelligence and Reasoning

Vedha walked 15 m from point A in the east direction and turned south and walked 8 m to reach point B. What is the distance between point A and point B?

A. 17 m ✓

B. 18 m

C. 15 m

D. 12 m

Q17 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Bus

B. Car

C. Auto ✓

D. Van

Top

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Q18 General Intelligence and Reasoning

Which of the following is a use of ethanol?

- A. All of the options ✓
- B. In alcoholic drinks
- C. In cough syrups
- D. Manufacturing paints

Q19 General Intelligence and Reasoning

If in a certain code 'COLOURED' is written as 'XDPDNAQZ', then how will 'ORDER' be written in that code?

- A. DAZAQ
- B. DAZQA ✓
- C. DAQZA
- D. ADZQA

Q20 General Intelligence and Reasoning

In universal indicators, red colour shows a pH of-

- A. 0 to 3 ✓
- B. 8 to 11
- C. 4 to 7
- D. 12 to 14

Q21 General Intelligence and Reasoning

In a certain code, 'HUNTER' is coded as 'UHNTRE'. How is 'MANAGE' coded in that code?

- A. EGNAAM
- B. AMNAEG ✓
- C. MAANGE
- D. MNAAEG

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Q22 General Intelligence and Reasoning

What digit will come in the place of 'a' in the number 1a5a01, if it is divisible by 11?

Top

A. 4

B. 8 ✓

C. 6

D. 5

Q23 General Intelligence and Reasoning

What day of the week will 1 January 2022 be?

A. Monday

B. Saturday ✓

C. Thursday

D. Sunday

Q24 General Intelligence and Reasoning

Which number will best complete the relationship given below?

6 : 24 :: 120 : ?

A. 212

B. 215

C. 210 ✓

D. 229

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Q25 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

A, B, C, D, E, F, G and H are sitting around a circle facing the center. B is third to the right of F and third to the left of H. C is fourth to the left of A. A is not an immediate neighbor of F and B. E is not an immediate neighbor of B. G is second to the right of D.

Which of the following pairs represents the immediate neighbors of F?

Top

A. H and D

B. E and D

C. C and H

D. C and E ✓

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Q1 General Intelligence and Reasoning

Find the missing number in the following series.

864, 432, 440, 220, (...), 114

A. 239

B. 232

C. 237

D. 228 ✓

Q2 General Intelligence and Reasoning

In a party, one-fifth of the guests wanted cool drinks only. Out of the remaining, half of them liked coffee and two-thirds like tea. If 12 of the guests opted for both coffee and tea, how many guests had attended the party?

A. 72

B. 100

C. 88

D. 90 ✓

Q3 General Intelligence and Reasoning

If in a certain language 'CASUAL' is coded as 'GEWYEP', how is 'PEOPLE' coded in that language?

A. TISTPI ✓

B. THSTOI

C. SHRSOH

D. SIRTOL

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Q4 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some fools are intelligent.
2) Some children are intelligent.

Conclusions:

I. Some fools are children.

II. All children are intelligent.

A. Neither conclusion I nor II follows ✓

B. Both conclusions I and II follow

C. Only conclusion I follows

D. Only conclusion II follows

Q5 General Intelligence and Reasoning

If $y = 3 + 2\sqrt{2}$. then find the value of $\sqrt{y}$.

A. $\sqrt{2} + 1$ ✓

B. $\sqrt{2} + \sqrt{3}$

C. $\sqrt{2} - 1$

D. 1

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Q6 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight captains of different football teams—Russia, Brazil, India, Argentina, Mexico, Peru, Spain and Japan are sitting around a circular table and are facing the centre, but not necessarily in the same order. Indian captain sits third to the left of the Mexico captain. Only two people sit between the Russian captain and Spain captain. Neither the Russian captain nor Spain captain is an immediate neighbour of the Indian captain. The captain of Japan sits second to the right of the Peru captain. Peru captain is not an immediate neighbour of the Indian captain. The Russian captain sits third to the left of the Indian captain. Captains of Argentina and Brazil are not immediate neighbours. Argentina captain sits third to the left of the Peru captain.

Which of the following captains sits to the immediate right of the captain of Mexico?

A. Argentina

B. Peru ✓

C. Russia

D. Spain

Q7 General Intelligence and Reasoning

Complete the series.

SHG, RIF, QJE, PKD, (...)

A. NMC

B. OLC ✓

C. NLB

D. OLE

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Q8 General Intelligence and Reasoning

If $\tan(A + B) = 0$, then-

A. $\frac{2\tan A + \tan B}{1 - \tan A \tan B} = 1$

B. $\tan A + \tan B = 0$ ✓

C. $\frac{2\tan A + \tan B}{1 + \tan A \tan B} = 0$

D. $\tan A = \tan B$

Q9 General Intelligence and Reasoning

Which of these pairs of numbers CANNOT be the last two digits a, b in 21022ab, if it is divisible by both 8 and 5?

A. a = 4, b = 5

B. a = 8 , b = 0

C. a = 2 , b = 0

D. a = 0, b = 0

Dropped by RRB: discrepancy found in question/answer, ignored for all candidates (no answer key).

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Q10 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

Vegetable prices are soaring in the market.

Conclusions:

I. Vegetables are becoming a rare commodity.

II. People cannot eat vegetables.

A. Both conclusions I and II follow

B. Only conclusion I follows

C. Neither conclusion I nor II follows ✓

D. Only conclusion II follows

Q11 General Intelligence and Reasoning

Rakesh is standing at a point. He walks 20 m towards east and further 10 m towards south. He then walks 35 m towards west and further 5 m towards north. Again he walks 15 m towards east. What is the shortest distance in meters between his starting point and the point where he is now?

A. 10 m

B. Cannot be determined

C. 1 m

D. 5 m ✓

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Q12 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. L

B. F

C. Q ✓

D. R

Q13 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Aravind, Bala, Chithra, Deepa, Hari, Maha, Madhu and Abi are sitting around a circle facing the center. Bala is third to the right of Maha and third to the left of Abi. Chithra is fourth to the left of Aravind. Aravind is not an immediate neighbour of Maha and Bala. Hari is not an immediate neighbour of Bala. Madhu is second to the right of Deepa.

Who is to the immediate left of Bala?

A. Chithra

B. Deepa ✓

C. Maha

D. Madhu

Q14 General Intelligence and Reasoning

If 'ELCSUM' is coded as 'MUSCLE', how will 'LATIPAC' be coded?

A. CAPITAL ✓

B. CONDUCE

C. CONFESS

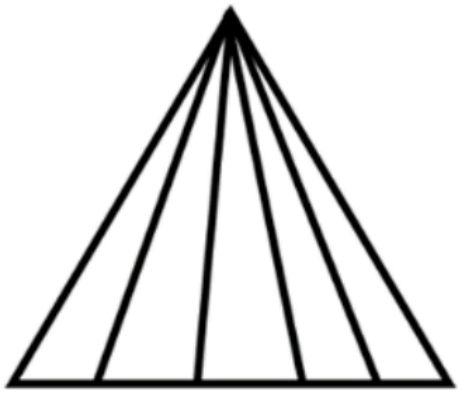
D. CAPRICE

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Q15 General Intelligence and Reasoning

How many triangles are there in the given figure?



A. 15 ✓

B. 9

C. 24

D. 19

Q16 General Intelligence and Reasoning

Which number will best complete the relationship given below?

4 : 128 :: 6 : ?

A. 192 ✓

B. 193

C. 194

D. 195

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Q17 General Intelligence and Reasoning

Find the group of wrong alphabets in the following series.

LX, IL, SB, OD, NA

A. IL

B. NA

C. LX

D. SB ✓

Q18 General Intelligence and Reasoning

In a certain code, 'LANDMINE' is written as 'PYRBQGRC'. How will 'HOMEMADE' be written in that code?

A. LMPCPZID

B. LMOCOZID

C. LMPCOYHC

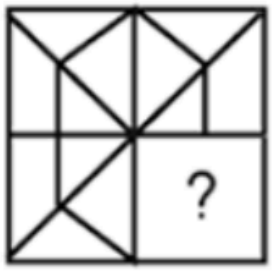
D. LMQCQYHC ✓

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Q19 General Intelligence and Reasoning

Choose from the alternatives the figure that best completes the pattern given below.



A. 

B. 

C.  ✓

D. 

Q20 General Intelligence and Reasoning

If a, b, c and d are 4 whole numbers such that a + b + c = d where a, b, d are all odd numbers, then find c.

A. Can either be odd or even

B. Even

C. Also odd ✓

D. 0

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Q21 General Intelligence and Reasoning

Cutaneous respiration takes place in -

A. Fish

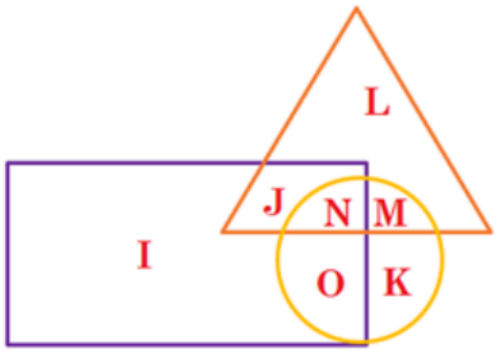
B. Birds

C. Man

D. Earthworm ✓

Q22 General Intelligence and Reasoning

In the given figure, the circle represents boys, triangle represents students, and rectangle represents teenagers. What does M represent?



A. Students who are boys but not teenagers ✓

B. Students who are teenagers only

C. Students who are not boys

D. Students who are both boys and teenagers

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Q23 General Intelligence and Reasoning

What will come in the place of '*'?

18/* = 2/7

A. 63 ✓

B. 84

C. 14

D. 126

Q24 General Intelligence and Reasoning

Sam is facing east and moves 5 km forward. After reaching 5 km, he turns left side two times. Which side is he facing now?

A. North

B. South

C. East

D. West ✓

Q25 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Needle : Sew :: Knife : ?

A. Grind

B. Drive

C. Feed

D. Cut ✓

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Q1 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Six boys—U, V, W, X, Y and Z are standing in one row and six girls—I, J, K, L, M and N are standing in another row in such a way that each girl faces one boy, not necessarily in the same order. I is to the immediate right of the girl who is facing Y the boy at the extreme right. Only V is between X and Y. Z is to the immediate left of U and to the immediate right of W. K is facing U and is to the immediate left of J. N is third to the left of L.

Who among the following is facing J?

A. W

B. Z ✓

C. X

D. V

Q2 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

BPC : CQD :: RIS : ?

A. SJT ✓

B. SKT

C. TJS

D. TKS

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Q3 General Intelligence and Reasoning

If 'LOSE' is coded as 1357 and 'GAIN' is coded as 2468, which of the following stands for 84615?

A. LANES

B. SNAIL

C. NAILS ✓

D. SLAIN

Q4 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 

B. 

C.  ✓

D. 

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Q5 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Ten friends are sitting in two parallel rows of six seats each. One seat is vacant in each row. A, B, C, D and E are sitting in row-1 facing south. R, S, T, U and V are facing north. Each likes different brand of watches—Titan, Fossil, Citizen, Casio, Fastrack, Swatch, Timex, Tommy Hilfiger, Shinola and Luminox.
U sits third to the right of T and likes Casio. Only two people sit between S and the vacant seat. S does not like Fastrack or Citizen. E is not an immediate neighbour of C. B likes Luminox. The one who likes Citizen faces the one who likes Tommy Hilfiger. The one who likes Citizen sits opposite to the one who sits on the third right of the person who sits opposite to U. C is not an immediate neighbour of D. V, who likes neither Fastrack nor Swatch, does not face the vacant seat. Neither U nor T sits at any of the extreme ends of the row. D faces T. Vacant seats are not opposite to each other. Two seats are there between C and B, and B sits on the third right of the one who likes Timex. The one who likes Shinola faces the one who likes Casio. The persons who like Titan and Tommy Hilfiger are adjacent to each other. Vacant seat of row – 1 is not an immediate neighbour of D. S sits at one of the extreme ends of the row. T does not like Titan and Tommy Hilfiger. Vacant seat of row-1 does not face U who does not sit at any of the extreme ends of the row.

Who among the following sit at extreme end of the rows?

A. B and R

B. A and U

C. T and D

D. C and V ✓

Q6 General Intelligence and Reasoning

Na, Mg, Al, Si, P, S, Cl and Ar belong to the _____ period of the modern periodic table.

A. Second

B. Third ✓

C. First

D. Fourth

Q7 General Intelligence and Reasoning

The FIFA World Cup will take place every _____ years.

A. Five

B. Four ✓

C. Three

D. Two

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Q8 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some players are singers.

2) All singers are tall.

Conclusions:

I. Some players are tall.

II. All players are tall.

A. Only conclusion II follows

B. Only conclusion I follows ✓

C. Neither conclusion I nor II follows

D. Either conclusion I or II follows

Q9 General Intelligence and Reasoning

I walked 9 m from point A, and I turned right to cover 3 m. Again I turned right and walked 9 m to reach point B. What is the distance between points A and B?

A. 9 m

B. 1 m

C. 3 m ✓

D. 6 m

Q10 General Intelligence and Reasoning

If in a certain language 'FASHION' is coded as 'FOIHSAN', how is 'PROBLEM' coded in that language?

A. PRBOELM

B. PELBORM ✓

C. PELOBRM

D. ROBLEMP

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Q11 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

The best way to escape from a problem is to solve it.

Conclusions:

I. Your life will be dull if you do not face a problem.

II. To escape from problems, you should always have some solutions with you.

A. Only conclusion II follows

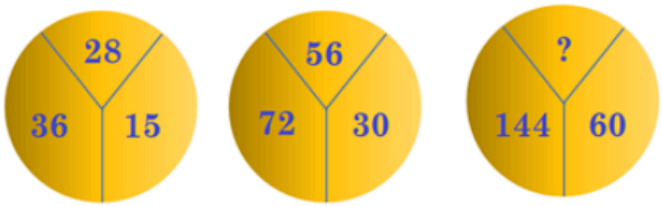
B. Both conclusions I and II follow

C. Neither conclusion I nor II follows ✓

D. Only conclusion I follows

Q12 General Intelligence and Reasoning

Choose the alternative that best replaces the question mark(?) in the given figure.



Top

A. 89

B. 105

C. 112 ✓

D. 92

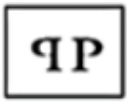
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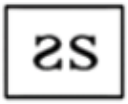
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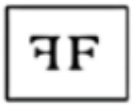
Q13 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 

B. 

C. 

D. 

Q14 General Intelligence and Reasoning

Choose the figure that best represents the relationship among the classes given below.
Officers, Government employees, Men

A. 

B. 

C. 

D. 

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Q15 General Intelligence and Reasoning

Find the missing number in the following series.

1, 6, 30, (...), 360, 720

A. 103

B. 124

C. 118

D. 120 ✓

Q16 General Intelligence and Reasoning

Which Chinese traveller came and stayed in Nalanda both as a student and a teacher?

A. Hiuen Tsang ✓

B. I-Tsing

C. Kublai khan

D. Fa-Hien

Q17 General Intelligence and Reasoning

If 6 March 2005 is a Monday, then what day of the week was 6 March 2004?

A. Wednesday

B. Sunday ✓

C. Tuesday

D. Monday

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Q18 General Intelligence and Reasoning

In a group of students, 1/5 are aged below 8 years. Of the remaining 2/5 are above 8 years. What fraction of the students are exactly 8 years of age?

A. 12/25 ✓

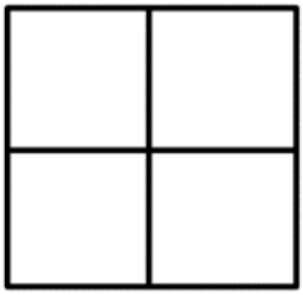
B. 3/5

C. 2/5

D. 4/25

Q19 General Intelligence and Reasoning

How many squares are there in the given figure?



Top

A. 7

B. 9

C. 5 ✓

D. 3

Q20 General Intelligence and Reasoning

Find the greatest of these decimal numbers.

A. 0.2

B. $(0.2)^2$

C. 0.2

D. $(0.2)^{-1}$ ✓

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Q21 General Intelligence and Reasoning

Raj and Mani are facing to each other, where Mani is facing towards west. Which direction is Raj facing?

A. North

B. South

C. East ✓

D. West

Q22 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

ZY, XW, UT, (...), LK

A. QP ✓

B. SR

C. NM

D. WV

Q23 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. FILN ✓

B. ILOR

C. GJMP

D. HKNQ

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Q24 General Intelligence and Reasoning

Complete the series.

AZD, BYE, CXF, (...)

A. DWG ✓

B. ZAW

C. EWH

D. DVJ

Q25 General Intelligence and Reasoning

If 'A' is substituted by 1, 'B' by 2 and so on up to 'Z', which is substituted by 26, what will be the sum of the numbers substituted for the word 'PROBLEM'?

A. 86

B. 90

C. 75

D. 81 ✓

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

In this question, statement is given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

$F \leq H < J \geq V > E$

Conclusions:

I. $H < V$

II. $J > E$

III. $F < E$

A. Only conclusion I is true

B. Only conclusions I and III are true

C. Only conclusion III is true

D. Only conclusion II is true ✓

Q2 General Intelligence and Reasoning

If north east becomes west and south east becomes south and so on, what will be the west?

A. North west

B. South west

C. South east

D. North east ✓

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Q3 General Intelligence and Reasoning

Put the proper symbols +, -, x, ÷ in the blank spaces to fit the equation.

(18 _ 3) _ 7 _ 15 _ 5 = 0

A. +, ÷, -, ÷ ✓

B. +, -, X, -

C. +, +, X, ÷

D. +, X, -, ÷

Q4 General Intelligence and Reasoning

Complete the series.

CX, WP, UJ, SF, (...)

A. YT

B. OP

C. RE

D. QD ✓

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Q5 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

WO, CJ, HF, (...), RA

A. PD

B. AR

C. FC

D. MC ✓

Q6 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All fruits are baskets.

2) Some baskets are jars.

Conclusions:
I. Some jars are baskets.

II. No basket is fruit.

A. Neither conclusion I nor II follows

B. Only conclusion II follows

C. Both conclusions I and II follow

D. Only conclusion I follows ✓

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Q7 General Intelligence and Reasoning

Which of these fractions cannot be reduced further? 14/21, 33/43, 18/24, 92/24, 41/82

A. 41/82

B. 18/24

C. 33/43 ✓

D. 92/24

Q8 General Intelligence and Reasoning

Divide Rs.305 in three parts, so that 3/7 of the first, 2/3 of the second and 4/5 of the third are equal. Find the share of the third one.

A. Rs.40

B. Rs.75 ✓

C. Rs.72

D. Rs.62

Q9 General Intelligence and Reasoning

P is facing Q. Q is to the north of P. R is placed on right side of Q. What is the direction of R with respect to P?

A. South east

B. North east

C. South west

D. North west ✓

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Q10 General Intelligence and Reasoning

What is the LCM of $6(xy - y)$, $8(x^4y - xy)$?

A. $24 (x^3 - 1)$

B. $(x^3 - 1) xy$

C. $24 xy (x^3 - 1)$ ✓

D. $24 xy$

Q11 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. ORT ✓

B. PUS

C. TYW

D. LQO

Q12 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends—P, Q, R, S, T, U, V and W are sitting around a circular table for a meeting facing center. P is second to the right of V who is third to the right of Q. S is second to the left of U who sits between V and P. R is not a neighbour of Q or T.

Who is third to the right of V?

A. R ✓

B. W

C. Q

D. T

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Q13 General Intelligence and Reasoning

Which number will best complete the relationship given below?

7 : 64 :: 8 : ?

A. 81 ✓

B. 79

C. 80

D. 82

Q14 General Intelligence and Reasoning

Simplify: $1.\overline{2} - 0.1\overline{2}$

A. 9/10

B. 1

C. 11/90

D. 11/10 ✓

Q15 General Intelligence and Reasoning

If A + B = C, D - C = A and E - B = C, then what does D + F stand for?

A. J ✓

B. E

C. C

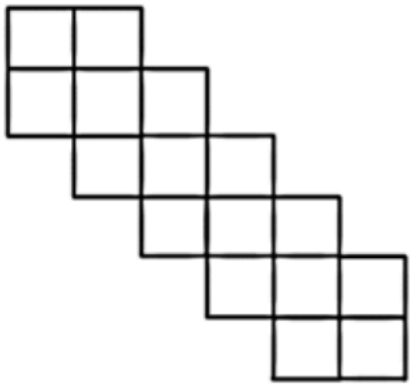
D. Q

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Q16 General Intelligence and Reasoning

How many squares are there in the given figure?



A. 18

B. 21 ✓

C. 37

D. 32

Q17 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Car : Engine

B. Tree : Branch

C. House : Room

D. Table : Chair ✓

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Q18 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

Money plays a vital role in our lives.

Conclusions:

I. The poor can never become rich.

II. All the rich men take part in politics.

A. Only conclusion II follows

B. Either conclusion I or II follows

C. Only conclusion I follows

D. Neither conclusion I nor II follows ✓

Q19 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 79 ✓

B. 80

C. 20

D. 40

Q20 General Intelligence and Reasoning

If in a certain code 'YELLOW' is written as 'XFKMNX', how is 'BORDER' coded?

A. ANSCFQ

B. AQPESD

C. APSEFS

D. APQEDS ✓

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Q21 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends—P, Q, R, S, T, U, V and W are sitting around a circular table facing the centre. Each one of them likes different brands of watch—Sonata, Titan, Fastrack, Swiss, Casio, Timex, Rolex and Fossil, but not necessarily in the same order.
P sits third to the right of the person who likes Fossil. P does not like Fastrack. T is not an immediate neighbour of W. R sits on the immediate right of the person who likes Fastrack. Neither P nor W likes Casio or a Titan. The person who likes Casio is not an immediate neighbour of the person who likes Fossil. The person who likes Sonata sits second to the left of T. The person who likes Sonata is an immediate neighbour of the both persons who like Timex and Rolex. Person who likes Rolex sits third to the right of Q. Q does not like Casio. U is not an immediate neighbour of P. V is not an immediate neighbour of the person who likes Sonata. Only two people sit between the person who likes Rolex and W. The persons who like Casio and the Titan are immediate neighbours of each other.

Who among the following likes Titan?

A. S

B. R

C. V

D. Q ✓

Q22 General Intelligence and Reasoning

$$\text{Express } \frac{44}{5}\% + \frac{4}{5}\% + \frac{0.4}{5}\% \text{ in decimal form.}$$

A. 0.0998

B. 0.0888

C. 0.0968 ✓

D. 0.0896

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Q23 General Intelligence and Reasoning

Which number will best complete the relationship given below?

120 : 168 :: 288 : ?

- A. 360 ✓
- B. 358
- C. 359
- D. 362

Q24 General Intelligence and Reasoning

In the second quadrant, cos θ varies from:

- A. 0 to 1/2
- B. 0 to -1 ✓
- C. 1/2 to -1
- D. -1 to 1

Q25 General Intelligence and Reasoning

If 'PALE' is coded as 2134, 'EARTH' is coded as 41590, how is 'PEARL' coded?

- A. 25413
- B. 29530
- C. 24153 ✓
- D. 25430

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

In a certain code language, 256 means 'you are good', 637 means 'we are bad', 358 means 'good and bad'. Find the code for 'and'.

A. 3

B. 8 ✓

C. 5

D. 2

Q2 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:
1) Some trucks are bikes.
2) Some bikes are scooters.

Conclusions:
I. Some trucks are scooters.
II. All bikes are scooters.

A. Only conclusion II follows

B. Only conclusion I follows

C. Both conclusions I and II follow

D. Neither conclusion I nor II follows ✓

Q3 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 154

B. 198

C. 168 ✓

D. 176

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Q4 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Seven persons—L, M, N, O, P, Q and R like different colours—red, blue, white, pink, green, black and yellow, but not necessarily in the same order. They all have different hobbies (or they like different activities) shooting, travelling, dancing, gardening, hunting, painting and writing, but not necessarily in the same order.
The hobby of O is shooting. The one whose hobby is gardening likes pink colour. L likes yellow colour. The one whose hobby is writing likes green colour. The hobby of Q is dancing. Neither O nor Q likes black colour. The one whose hobby is painting and travelling does not like black colour. The hobby of L is not travelling. The one whose hobby is travelling does not like red and white colour; O does not like red colour. The hobby of P is neither hunting nor gardening. P does not like green colour. R does not like green and black colour. The hobby of M is not writing.

Which of the following is the hobby of P?

A. Travelling ✓

B. Gardening

C. Hunting

D. Writing

Q5 General Intelligence and Reasoning

If 'LBAEHC' is coded as 'BLEACH', then which of the following is coded as 'NBOLZKMH'?

A. BOLNHMKZ

B. BONKZLHM

C. BNOLKZMH

D. BNLOKZHM ✓

Q6 General Intelligence and Reasoning

Reduce to lowest terms 368/575.

A. 25/29

B. 28/29

C. 30/25

D. 16/25 ✓

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Q7 General Intelligence and Reasoning

In this question, statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

C > U ≤ S < T = O > D ≥ Y, Z = O ≤ P

Conclusions:

I. Z > Y

II. C < O

A. Only conclusion II is true

B. Both conclusions I and II are true

C. Only conclusion I is true ✓

D. Either conclusion I or II is true

Q8 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

The minimum qualification for a job is graduation. However, candidates who have appeared for the final year of graduation may also apply.

Conclusions :

I. All candidates who have yet to graduate will be there in the list of selected candidates.

II. All candidates having graduation as their minimum qualification will be there in the list of selected candidates.

A. Only conclusion II follows

B. Neither conclusion I nor II follows

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C. Both conclusions I and II follow ✓

D. Only conclusion I follows

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Q9 General Intelligence and Reasoning

What is the other name of Soccer?

A. Basketball

B. Football ✓

C. Hockey

D. Polo

Q10 General Intelligence and Reasoning

Daughter's age is one-fourth of her father's age. Five years hence, she will be one-third of his age. Further after five years, what will be the ratio of her age to that of her father?

A. 5 : 2

B. 3 : 4

C. 2 : 5 ✓

D. 3 : 5

Q11 General Intelligence and Reasoning

Two cars P and Q start from the opposite direction of 100 km apart. Car P reaches a distance of 30 km, and car Q reaches a distance of 25 km. What is the distance between the two cars?

A. 45 km ✓

B. 25 km

C. 35 km

D. 55 km

Q12 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. EF ✓

B. DC

C. GF

D. CB

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Q13 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

TEF : UGH :: KPQ : ?

A. LRS ✓

B. LSR

C. NRS

D. RSL

Q14 General Intelligence and Reasoning

Complete the series.

2, 3, 7, 34, 50, (...)

A. 175 ✓

B. 184

C. 193

D. 163

Q15 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. BY

B. CW ✓

C. AZ

D. EV

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Q16 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

A, CD, GHI, (...), UVWXY

A. MONP

B. MNOP ✓

C. MPNO

D. LMNO

Q17 General Intelligence and Reasoning

In a certain code, 'AWAKE' is written as 'ZVZJD'. How is 'FRIEND' written in that code?

A. EQMHDC

B. EQHMDC

C. EQHDMC ✓

D. EHQDMC

Q18 General Intelligence and Reasoning

At what rate percent will a sum of money double itself in 12 years?

A. $8\frac{1}{3}\%$ ✓

B. $8\frac{1}{2}\%$

C. 8%

D. $8\frac{1}{4}\%$

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Q19 General Intelligence and Reasoning

Find the missing alphabet in the following series.

A, C, F, (...), O

A. R

B. P

C. M

D. J ✓

Q20 General Intelligence and Reasoning

Fix the symbols +, -, x, ÷ appropriately in the box to fit the equation given here.

100 □ 25 □ 5 □ 5 □ 21 = 0

A. ÷, +, X, -

B. ÷, -, X, + ✓

C. ÷, X, -, +

D. -, ÷, ÷, X

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Q21 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends—J, K, L, M, N, O, P and Q are sitting around a circle facing the center. J is second to the right of P who is third to the right of K. M is second to the left of O who sits between P and J. L is not a neighbour of K or N.

Which of the following groups of persons have the first person sitting between the other two?

A. MPO

B. OPJ ✓

C. PJO

D. OPM

Q22 General Intelligence and Reasoning

Which of the following group of alphabets will best complete the relationship given below?

DFI : MOR :: LNQ : ?

A. UWX

B. UWY

C. UWZ ✓

D. TUW

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Q23 General Intelligence and Reasoning

A policeman left his police post and proceeded south 4 km. Then he turned left proceeded 4 km to reach the point B. From B, he proceeded left to reach another place C which is 4 km away. In which direction has he to go to reach his police post?

A. West ✓

B. East

C. South

D. North

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Q24 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Taj Mahal : India :: Petra : ?

A. Italy

B. Jordan ✓

C. Colombia

D. Denmark

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Q25 General Intelligence and Reasoning

How many triangles are there in the given figure?



A. 15

B. 16

C. 14

D. 18 ✓

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Q1 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight persons— M, N, O, P, Q, R, S and T are sitting around a circular table for a meeting facing center. M is second to the right of S who is third to the right of N. P is second to the left of R who sits between S and M. O is not a neighbour of N or Q.

Which of the following is the CORRECT position of Q?

A. To the immediate right of N ✓

B. Second to the right of N

C. To the immediate left of N

D. To the immediate right of P

Q2 General Intelligence and Reasoning

In a certain code, 'NATION' is coded as 'OCWMTT'. How would 'COUNTRY' be written in that code?

A. DCXRYCF

B. DPXRYXF

C. DQXRYXF ✓

D. DCXRYXF

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Q3 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

MOQ : STW :: ACE : ?

A. GHK ✓

B. KIH

C. HIK

D. HKG

Q4 General Intelligence and Reasoning

Which of the following is a host in the life cycle of tape worm?

A. Pig ✓

B. Monkey

C. Rabbit

D. Fish

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Q5 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) No lion is tiger.

2) No tiger is leopard.

Conclusions:

I. No lion is leopard.

II. All leopards are lions.

A. Only conclusion I follows

B. Neither conclusion I nor II follows ✓

C. Only conclusion II follows

D. Both conclusions I and II follow

Q6 General Intelligence and Reasoning

Hema starts from her home eastward in order to go to school. She took right turn and took left to reach school. Which direction was her school from home?

A. South east ✓

B. North west

C. South west

D. North east

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Q7 General Intelligence and Reasoning

Rs.800 becomes Rs.956 in 3 years at a certain rate of Simple Interest. If the rate of interest is increased by 4%, what amount will Rs.800 become in 3 years?

A. Rs.1025

B. Rs.1020.80

C. Rs.1054

D. Rs.1052 ✓

Q8 General Intelligence and Reasoning

What is the area of a circular track that runs around a circle with circumference 440 m, having a width of 7 m?

A. 3900 m^2

B. 3204 m^2

C. 3856 m^2

D. 3234 m^2 ✓

Q9 General Intelligence and Reasoning

Which of the following exhibits maximum number of valence electrons?

A. P ✓

B. Al

C. Na

D. Si

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Q10 General Intelligence and Reasoning

_____ is a standard for wireless broadband communication for high speed data.

A. Dolby digital

B. Gps one

C. 8VSB

D. LTE ✓

Q11 General Intelligence and Reasoning

The ratio between the length and the breadth of a rectangular park is 3 : 2. If a man cycling along the boundary of the park at the speed of 12 km/h completes one round in 8 minutes, find the area of the park in square metres.

A. 153600 m^2 ✓

B. 30720 m^2

C. 15360 m^2

D. 307200 m^2

Q12 General Intelligence and Reasoning

In a certain code, 'ABC DEF' is written as 'ZYX WVU'. How would 'ADULT' be written in that code?

A. ZWUOU

B. ZWFOR

C. ZFWOU

D. ZWFOG ✓

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Q13 General Intelligence and Reasoning

Find the least number to be added to 1780 to make the sum a perfect square.

A. 49

B. 69 ✓

C. 72

D. 46

Q14 General Intelligence and Reasoning

A cuboid with dimensions l x b x h is cut to get planks measuring l x 0.5 b x 0.4 h. How many planks will you get?

A. 10

B. 5 ✓

C. 4

D. 20

Q15 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

JD, LI, (...), SP, XR

A. WC

B. OM ✓

C. DP

D. GT

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Q16 General Intelligence and Reasoning

Mani is facing east. He looks time in his watch, it shows as 3 O'clock. Which direction do hour and minute hands point respectively?

A. East and north

B. South and west

C. South and east ✓

D. West and north

Q17 General Intelligence and Reasoning

Who among the following is an Indian social activist associated with Narmada Bachao Andolan?

A. Medha Patkar ✓

B. Patricia Mukhim

C. Silverine Swer

D. V. Mohini Giri

Q18 General Intelligence and Reasoning

If 9 men and 12 boys can do a piece of work in 4 days and 4 men and 16 boys can do the same piece of work in 6 days, how long will 6 men and 24 boys take to complete the same work?

A. 7 days

B. 5 days

C. 4 days ✓

D. 6 days

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Q19 General Intelligence and Reasoning

In this question, three statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some flats are apartments.

2) No apartment is a hall.

3) Some halls are rooms.

Conclusions:

I. At least some rooms are flats.

II. No apartment is a room.

A. Neither conclusion I nor II follows ✓

B. Both conclusions I and II follow

C. Only conclusion II follows

D. Only conclusion I follows

Q20 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.
LY, IP, GI, (...), TA

A. DL

B. HD ✓

C. VT

D. IP

Q21 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. D

B. E ✓

C. P

D. B

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Q22 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Seven persons— P, Q, R, S, T, U and V like different colours—orange, blue, white, red, green, black and yellow, but not necessarily in the same order. They all have different hobbies (or they like different activities) driving, swimming, sailing, shopping, running, dancing and camping, but not necessarily in the same order.
The hobby of S is driving. The one whose hobby is shopping likes red colour. P likes yellow colour. The one whose hobby is camping likes green colour. The hobby of U is sailing. Neither S nor U likes black colour. The one whose hobby is dancing, and swimming does not like black colour. The hobby of P is not swimming. The one whose hobby is swimming does not like orange and white colour; S does not like orange colour. The hobby of T is neither running nor shopping. T does not like green colour. V does not like green and black colour. The hobby of Q is not camping.

Who among the following has the hobby of camping?

A. Q

B. R ✓

C. V

D. P

Q23 General Intelligence and Reasoning

Balaji walks 8 m straight and took left turn to cover a distance of 5 m. Again he took left and he is facing north. Which direction is he now from the starting point?

A. South east ✓

B. North east

C. North west

D. South west

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Q24 General Intelligence and Reasoning

A number when divided by 10, 9 and 8 separately leaves remainders 9, 8 and 7 respectively. What is the least of such numbers?

A. 353

B. 359 ✓

C. 1359

D. 719

Q25 General Intelligence and Reasoning

In a school, 12% of the total number of students are good in sports. 3/4th of the total number of students are interested in co-curricular activities, 10% of the total number like music. The remaining 15 students do not want to participate in the above activities. What is the total number of students?

A. 500 ✓

B. 450

C. 400

D. 600

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General Intelligence and Reasoning 12 Questions • Answer Key

Q1 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. MPS

B. ADG

C. GJL ✓

D. NQT

Q2 General Intelligence and Reasoning

The maximum number of electrons that can be accommodated in the outermost orbit is-

A. 4

B. 8 ✓

C. 2

D. 6

Q3 General Intelligence and Reasoning

How many single bonds are present in methane?

A. Six

B. Seven

C. Four ✓

D. Five

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Q4 General Intelligence and Reasoning

In a code language, 24631 stands for 'GREAT' and 5897 stands for 'MONK'. What does the number 84712 stand for in the same code language?

A. OGKAE

B. ORATG

C. OGRTK

D. ORKTG ✓

Q5 General Intelligence and Reasoning

In a certain code language, 'put ta nop' means 'fruit is good', 'nop ko tir' means 'tree is tall' and 'put ho sop' means 'eat good food'. Which of the following means 'fruit' in that language?

A. pul

B. Data inadequate

C. nop

D. ta ✓

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Q6 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends—Mani, Raju, Rekha, Harish, Abi, Ramu, Shiva and Arun sit in a row having chairs numbered one to eight in ascending order from left to right. They all are facing north direction. Rekha sits on the chair numbered six. There are exactly two persons between Rekha and Mani. Raju and Arun always sit adjacent to each other. Shiva sits adjacent to neither Mani nor Rekha. Abi never sits on a chair having an odd number on it. Neither Raju nor Arun sits on chair numbered four. There is only one person between Ramu and Raju. Abi sits on the right (not an immediate right) of Harish, and Harish never sits adjacent to Ramu.

Who among the following sits on a chair which is having an odd number on it?

A. Abi

B. Mani ✓

C. Arun

D. Rekha

Q7 General Intelligence and Reasoning

If '+' and '-' are interchanged and also the numbers 8 and 6 change places, which of the following options is correct?

A. 12 + 8 - 6 = 2

B. 12 + 6 - 8 = 10 ✓

C. 6 - 4 + 8 - 8 = 6

D. 6 - 8 - 8 + 8 = 0

Q8 General Intelligence and Reasoning

In a code language, 'INDIGENCE' is coded as 'DNIEGIECN'. How can 'INDIRECTS' be coded in that language?

A. DNREIISTC

B. DNIESIRTC

C. DNIERISTC ✓

D. DNIIRESTC

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Q9 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All fish are birds.

2) Some hens are fish.

Conclusion:

I. Some hens are birds.

II. No bird is hen.

A. Only conclusion II follows

B. Either conclusion I or II follows

C. Both conclusions I and II follow

D. Only conclusion I follows ✓

Q10 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

EZ, JU, (...), TK, YF

A. FH

B. OP ✓

C. SX

D. IK

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Q11 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 83 ✓

B. 39

C. 21

D. 51

Q12 General Intelligence and Reasoning

What is the HCF of $(t^2 - 3t - 4)$, $(t^2 + 5t - 4)$, $(t^2 - 1)$?

A. $t + 1$

B. $t - 1$

C. 1 ✓

D. $t^2 - 1$

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

In a certain code, 'CORNER' is written as 'GSVRIV'. How can 'CENTRAL' be written in that code?

A. GIRYVEP

B. GIRXVEP ✓

C. GIRXEVP

D. GIRXVPE

Q2 General Intelligence and Reasoning

Two motorists travelling in opposite directions meet at some point in between. After this they take 9 and 16 hours to reach their respective destinations. What is the ratio of their speeds?

A. 5 : 4

B. 4 : 3 ✓

C. 4 : 7

D. 5 : 3

Q3 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. BD

B. CE

C. EG

D. MN ✓

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Q4 General Intelligence and Reasoning

How many odd days are there in the first 2000 years?

A. 0 ✓

B. 2

C. 4

D. 3

Q5 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Sailing

B. Swimming

C. Driving ✓

D. Diving

Q6 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 346

B. 728

C. 125 ✓

D. 215

Q7 General Intelligence and Reasoning

What is the frequency range of ultrasound?

A. Between 20 Hz and 20 kHz

B. Below 20 Hz

C. Above 20 kHz ✓

D. Between 200 Hz and 2000Hz

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Q8 General Intelligence and Reasoning

Find the missing number in the following series.

0, 7, 26, 63, 124, (...), 342

A. 216

B. 213

C. 214

D. 215 ✓

Q9 General Intelligence and Reasoning

Two buses start from the opposite points of a main road, 150 km apart. The first bus runs for 25 km and takes a right turn and then runs for 15 km. It, then turns left and runs for another 25 km and takes the direction back to reach the main road. In the meantime, due to minor breakdown, the other bus has run only 35 km along the main road. What would be the distance between the two buses at this point?

A. 65 km ✓

B. 85 km

C. 75 km

D. 80 km

Q10 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. S ✓

B. X

C. V

D. T

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Q11 General Intelligence and Reasoning

Perfect square numbers ending with '1' will have their square roots ending in _____.

A. 3

B. 9 only

C. 1 or 9 ✓

D. 1 only

Q12 General Intelligence and Reasoning

Find the wrong number in the given series.

246, 232, 220, 204, 190

A. 246

B. 204

C. 220 ✓

D. 190

Q13 General Intelligence and Reasoning

The sum of the digits of a two-digit number is 15 and the difference between the digits is 3. What is the two-digit number?

A. 128

B. 78

C. 96 ✓

D. 69

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Q14 General Intelligence and Reasoning

Simple epithelium is-

A. Two cell thick

B. All of the options

C. One cell thick ✓

D. Two to three cell thick

Q15 General Intelligence and Reasoning

In a certain code, 'gri chri' means 'brand new', 'gyp twoh' means 'very old', 'gri bur twoh' means 'old and new' and 'chri deh twoh' means 'old brand car'. Which of the following codes denotes 'new car'?

A. twoh deh

B. deh gyp

C. chri gri

D. gri deh ✓

Q16 General Intelligence and Reasoning

If in a certain language 'KINDLE' is coded as 'ELDNIK', how is 'EXOTIC' coded in that language?

A. CITXOE

B. CIXOTE

C. CITOXE ✓

D. CXOTLE

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Q17 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some bags are chocolates.

2) Some cakes are chocolates.

Conclusions:

I. All cakes being bags is a possibility.

II. Some bags are cakes.

A. Both conclusions I and II follow

B. Only conclusion II follows

C. Neither conclusion I nor II follows

D. Only conclusion I follows ✓

Q18 General Intelligence and Reasoning

1 is placed to the west of 2, and 3 is placed to the south of 1. What is the direction of 2 with respect to 3?

A. South east

B. East

C. North east ✓

D. South

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Q19 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some books are cars.

2) Some cars are boxes.

Conclusions:

I. Some books are boxes.

II. All boxes are cars.

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither conclusion I nor II follows ✓

D. Both conclusions I and II follow

Q20 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends— A, B, C, D, E, F, G and H are sitting around a circular table facing the centre. Each one of them likes different brands of television—Onida, Sony, Samsung, Micromax, TCL, LG, Toshiba and Sansui, but not necessarily in the same order.

A sits third to the right of the person who likes Sansui. A does not like Samsung. E is not an immediate neighbour of H. C sits on the immediate right of the person who likes Samsung. Neither A nor H likes TCL or a Sony. The person who likes TCL is not an immediate neighbour of the person who likes Sansui. The person who likes Onida sits second to the left of E. The person who likes Onida is an immediate neighbour of the both persons who like LG and Toshiba. Person who likes Toshiba sits third to the right of B. B does not like TCL. F is not an immediate neighbour of A. G is not an immediate neighbour of the person who likes Onida. Only two people sit between the person who likes Toshiba and H. The persons who like TCL and the Sony are immediate neighbours of each other.

Which of the following brands of television is liked by H?

A. Onida ✓

B. Toshiba

C. Sony

D. Sansui

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Q21 General Intelligence and Reasoning

In a shooting test, the probabilities of hitting the target are 1/2 for A, 2/3 for B and 3/4 for C. If they fire at the same target, what is the probability that only one of them hits the target?

A. 2/3

B. 1/4 ✓

C. 3/8

D. 1/6

Q22 General Intelligence and Reasoning

In this question, a statement is given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

$H \leq I < L \geq A > Q$

Conclusions:

I. $H < L$

II. $H \geq L$

III. $Q < H$

A. Only conclusion I is true ✓

B. Only conclusions II and III are true

C. Only conclusion II is true

D. Only conclusion III is true

Q23 General Intelligence and Reasoning

Ravi travelled 4 km straight towards south. He then turned left and travelled 6 km straight; he again turned right and travelled 4 km straight. How far is he from the starting point?

A. 12 km

B. 10 km ✓

C. 8 km

D. 18 km

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Q24 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Seven executives— T, U, V, W, X, Y and Z are sitting along a circle facing the centre. T is between Z and W. V is second to the right of W and is between U and Y. U is not the neighbour of X.

Who sits to the immediate right of U?

A. Y

B. V ✓

C. W

D. X

Q25 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

BFIJ : DHKL :: LOQT : ?

A. NVSQ

B. NQVS

C. NSQV

D. NQSV ✓

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General Intelligence and Reasoning 24 Questions • Answer Key

Q1 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All buildings are chalks.

2) All boards are chalks.

Conclusions:

I. Some buildings are boards.

II. Some chalks are boards.

A. Only conclusion I follows

B. Both conclusions I and II follow

C. Only conclusion II follows ✓

D. Neither conclusion I nor II follows

Q2 General Intelligence and Reasoning

Bharath is facing west. His watch is showing time as 2:00 PM. To which direction will hour hand point?

A. North west ✓

B. South east

C. North east

D. South west

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Q3 General Intelligence and Reasoning

Choose from the alternatives the figure that best completes the pattern given below.



A.  ✓

B. 

C. 

D. 

Q4 General Intelligence and Reasoning

In the following question, correct the equation by interchanging the two signs.

5 + 6 ÷ 3 - 2 x 5 = 13

A. + and x ✓

B. ÷ and -

C. + and ÷

D. ÷ and x

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Q5 General Intelligence and Reasoning

Anandhi walked straight for some distance from her home and turned left. She turned two times right and facing east. Which direction is her home facing?

A. South

B. North ✓

C. West

D. East

Q6 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

During a picnic, a game is being played. For the game, 9 people from R to Z (mix of boys and girls) have to stand in a vertical row. Boys are wearing yellow gloves and girls are wearing orange gloves. The row starts at top and with orange gloves. Boys and girls stand alternately in the row. Each position in the row can be occupied by one person only.

i) R stands seven places before S.

ii) Third orange gloves is T.

iii) Second boy after T is U.

iv) Fourth place in the row is occupied by V.

v) W stands ahead of R.

vi) X stands between T and R.

vii) Z is a girl.

Who among the following stands in the center of the row?

A. Z

B. Y

C. V

D. T ✓

Q7 General Intelligence and Reasoning

One day evening, Sai and Swetha were walking towards each other. Swetha's shadow fell on the right side of Sai. Which side was Sai facing?

A. North ✓

B. West

C. South

D. East

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Q8 General Intelligence and Reasoning

Asha was born when her father was 38 years of age. When her brother four years younger was born, her mother was 36 years of age. What is the difference between their parent's ages?

Top

A. 2 years

B. 4 years

C. 6 years ✓

D. 8 years

Q9 General Intelligence and Reasoning

Which of these digits CANNOT be the last digit in perfect square numbers?

A. 3 and 7 ✓

B. 4 and 9

C. 1 and 6

D. 1 and 4

Q10 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

There are six friends A, B, C, V, U, and T. V, U and T are seated in a circle facing the centre. A, B and C are also seated in the same circle but two of them are not facing the centre (facing opposite direction of the centre). V is second to the left of C. U is second to the right of A. B is third to the left of T. C is second to the right of T. A is seated next to V.

What is the position of T with respect to B in clockwise direction?

A. Fourth to the left

B. Second to the right

C. Third to the right ✓

D. Third to the left

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Q11 General Intelligence and Reasoning

If $A + B = 90°$, then find $\frac{\sqrt{\tan A \tan B + \tan A \cot B}}{\sin A \sec B}$.

A. $\sec A$ ✓

B. $\tan^2 A$

Top

C. $\sec^2 A$

D. $\tan A$

Q12 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

ACEG : KMOQ :: IKMO : ?

A. SVWY

B. SUWY ✓

C. STUV

D. SUWZ

Q13 General Intelligence and Reasoning

If 'A' means '+', 'B' means '-', 'C' means 'x' and 'D' means '÷', then 81 D 9 C 5 D 15 A 8 B 11 = ?

A. 0 ✓

B. 12

C. 0.15

D. 22

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Q14 General Intelligence and Reasoning

If $\frac{\cos\theta}{1-\sin\theta}+\frac{\cos\theta}{1+\sin\theta}=4$, find the value of 'θ', where 'θ' is acute.

A. 60° ✓

B. 45°

C. 75°

D. 30°

Q15 General Intelligence and Reasoning

Complete the series.

A, Z, C, X, E, V, G, (...)

A. T ✓

B. W

C. M

D. N

Q16 General Intelligence and Reasoning

If in a certain language 'SALE' is coded as 'PAIE', how is 'CASUAL' coded in that code?

A. ZAUPXL

B. ZPAUXL

C. ZAPULX

D. ZAPUXL ✓

Q17 General Intelligence and Reasoning

If in a certain language, 'oka peru' means 'fine cloth', 'meta lisa' means 'clear water' and 'dona lisa peru' means 'fine clear weather', what word in that language mean 'weather'?

A. meta

B. dona ✓

C. oka

D. peru

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Q18 General Intelligence and Reasoning

A work is completed by P and Q working together 8 hours per day. Working 8 hours a day P alone will take 12 days to complete work, while working alone Q will take 10 days working 12 hours a day, to complete it. In how many days did they complete the work together?

A. $5\frac{1}{4}$ days

B. $6\frac{2}{3}$ days ✓

C. 7 days

D. $6\frac{1}{2}$ days

Q19 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. GDA

B. GEC ✓

C. NKH

D. ZWT

Q20 General Intelligence and Reasoning

If 'MISTAKE' is coded as 9765412 and 'DARKEN' is coded as 348120, how is 'KINDEST' coded?

A. 1703265 ✓

B. 1703625

C. 1702356

D. 1702365

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Q21 General Intelligence and Reasoning

Complete the series.

J, M, P, S, (...), (...)

A. K, W

B. Y, W

C. Q, U

D. V, Y ✓

Q22 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Animal : Zoo :: Patient : ?

A. Ship

B. Hospital ✓

C. Water

D. Mountain

Q23 General Intelligence and Reasoning

PSLV-C42, launched by ISRO on 16 September 2018, was carrying how many observation satellites of UK?

A. Four

B. Three

C. One

D. Two ✓

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Q24 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 

B. 

C. 

D. 

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Q1 General Intelligence and Reasoning

Choose the alternative that best replaces the question mark(?) in the given figure.



A. 8

B. 2

C. 6

D. 4 ✓

Q2 General Intelligence and Reasoning

Which number will best complete the relationship given below?

4 : 20 :: 5 : ?

Top

A. 37

B. 35

C. 30 ✓

D. 42

Q3 General Intelligence and Reasoning

In a certain code, 679 means 'how are you'; 147 means 'how is life' and 569 means 'you are wonderful'. Which numeral in that language means 'you'?

A. 1

B. 7

C. 5 or 7

D. 6 or 9 ✓

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Q4 General Intelligence and Reasoning

Basha walked towards south and then turned left. Again he turned left and turned right. How many times did he turn toward east?

A. Three times

B. Four times

C. One time

D. Two times ✓

Q5 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 

B. 

C.  ✓

D. 

Q6 General Intelligence and Reasoning

Simplify: $\sqrt{(272)^2 - (128)^2}$

A. 260

B. 280

C. 204

D. 240 ✓

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Q7 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 

B. 

C.  ✓

D. 

Q8 General Intelligence and Reasoning

Complete the series.

AB, DE, HI, MN, (...)

A. SY

B. DE

C. ST ✓

D. CD

Q9 General Intelligence and Reasoning

Complete the series.

BJ, CL, FO, KS, (...)

A. UX

B. EX

C. OT

D. RX ✓

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Q10 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

Industrial revolution which first started in Europe has brought about modern age.

Conclusions:

I. Disparity between rich and poor results in revolution.

II. Revolution overhauls society.

A. Neither conclusion I nor II follows

B. Only conclusion II follows ✓

C. Only conclusion I follows

D. Either conclusion I or II follows

Q11 General Intelligence and Reasoning

Which of the following options will best complete the relationship given below?

13(4624)33

15(5735)42

11(????)37

A. 4832 ✓

B. 4382

C. 4823

D. 3482

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Q12 General Intelligence and Reasoning

In a certain code, 'HUMIDITY' is written as 'UHMIIDTY'. How is 'POLITICS' written in that code?

A. OPLITISC

B. OPLIITCS ✓

C. OPILITCS

D. POILTISC

Q13 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Madhan sings beautifully.

2) Madhan is an Italian.

Conclusions:

I. Italians sing beautifully.

II. All who sing well are Italians.

A. Both conclusions I and II follow

B. Only conclusion II follows

C. Neither conclusion I nor II follows ✓

D. Only conclusion I follows

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Q14 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Seven executives—P, Q, R, S, T, U and V are sitting along a circle facing the centre. P is between V and S. R is second to the right of S and is between Q and U. Q is not the neighbour of T.

What is the position of T?

A. To the immediate left of V ✓

B. Third to the left of P

C. Between R and V

D. Second to the left of R

Q15 General Intelligence and Reasoning

If 'CORRECTION' is coded as 'DPSSFDUJPO', how would 'EMOTION' be coded?

A. FNPUPOJ

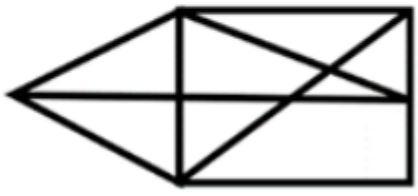
B. FPNUJPO

C. FNPUJPO ✓

D. FNPUJOP

Q16 General Intelligence and Reasoning

How many triangles are there in the given figure?



A. 13

B. 12

C. 15 ✓

D. 18

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Q17 General Intelligence and Reasoning

Express 150% as a fraction.

A. 3/20

B. 3/2 ✓

C. 3/5

D. 2/3

Q18 General Intelligence and Reasoning

Which among the following is NOT an identity?

A. $\tan 2\theta = \frac{2\tan\theta}{1-\tan^2\theta}$

B. $\sin 2\theta = 2\sin\theta\cos\theta$

C. $\sin^2\theta - \cos^2\theta = 0$ ✓

D. $\cos 2\theta = \cos^2\theta - \sin^2\theta$

Q19 General Intelligence and Reasoning

Anil walked 50 m towards east direction and he took left turn and walked 20 m. Again he turned left and walked 20 m. Which direction is he from the starting point?

A. South west

B. South east

C. North west

D. North east ✓

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Q20 General Intelligence and Reasoning

Evaluate: $\left(\frac{\tan 20^\circ}{\operatorname{cosec} 70^\circ}\right)^2+\left(\frac{\cot 20^\circ}{\sec 70^\circ}\right)^2+(2\tan 15^\circ \tan 75^\circ)$

A. $\frac{1}{2}$

B. 1

C. 3 ✓

D. $\frac{\sqrt{3}}{2}$

Q21 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight captains of different hockey teams— Canada, Czech Republic, Finland, Russia, Sweden, United states, Europe and North America are sitting around a circular table and are facing the center, but not necessarily in the same order. Finland captain sits third to the left of the Sweden captain. Only two people sit between the Canada captain and Europe captain. Neither the Canada captain nor Europe captain is an immediate neighbour of the Finland captain. The captain of North America sits second to the right of the United states captain. United states captain is not an immediate neighbour of the Finland captain. The Canada captain sits third to the left of the Finland captain. Captains of Russia and Czech Republic are not immediate neighbours. Russia captain sits third to the left of the United states captain.

Who among the following captains is sitting between the captain of Canada and Sweden?

A. Finland

B. United states ✓

C. North America

D. Europe

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Q22 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some ants are parrots.

2) All apples are parrots.

Conclusions:

I. Some parrots are apples.

II. Some apples are ants.

A. Only conclusion II follows

B. Neither conclusion I nor II follows

C. Only conclusion I follows ✓

D. Both conclusions I and II follow

Q23 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

DFH : IKM :: OQS : ?

A. TVX ✓

B. UVW

C. XTV

D. XVT

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Q24 General Intelligence and Reasoning

In how many years will a sum increase by $33\frac{1}{3}\%$ of the principal at 5%Simple Interest per annum?

A. 9 years

B. 20/3 years ✓

C. 30 years

D. 10 years

Q25 General Intelligence and Reasoning

Find the wrong number in the given series.

9, 27, 108, 541, 3240

A. 541 ✓

B. 9

C. 27

D. 108

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Dinesh walked 6 km towards east from his home and took three times left turn. Which direction he is facing now?

A. West

B. South ✓

C. North

D. East

Q2 General Intelligence and Reasoning

Ragu walks straight from his home to reach a bus stop. After walking for some distance, he turns left and reaches the bus stop which is in the east. Find the direction of the bus stop from his home?

A. North west

B. South west

C. South east ✓

D. North east

Q3 General Intelligence and Reasoning

Ages of a brother and sister are in the ratio 4 : 3. After 3 years, the sister will be twice as old as she is now. How old is the brother now?

A. 4 years ✓

B. 12 years

C. 8 years

D. 6 years

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Q4 General Intelligence and Reasoning

The backbone is also known as-

A. Ribs

B. Spine ✓

C. Femur

D. Thorax

Q5 General Intelligence and Reasoning

Which of the following statements are sufficient to find the age of A if:

(i) The ratio of A and B's ages was 2 : 1 five years back.

(ii) The ratio of age at present is 11 : 6.

(iii) The ratio of age 20 years back was 7 : 2.

A. Statement (ii) only

B. Statement (i) only

C. Statement (iii) only

D. Any two of statements (i), (ii) and (iii) ✓

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Q6 General Intelligence and Reasoning

In this question, a statement is given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

$J \geq E > K = T; D \leq E$

Conclusions:

I. $J > D$

II. $J \geq D$

III. $E > T$

A. Only conclusion I is true

B. Only conclusions II and III are true ✓

C. Only conclusion I and II are true

D. Only conclusion I and III are true

Q7 General Intelligence and Reasoning

If 'BROTHER' is coded as 86, 'FATHER' is coded as 58 and 'SISTER' is coded as 90, then how will 'MOTHER' be coded in that language?

A. 52

B. 73

C. 83

D. 79 ✓

Q8 General Intelligence and Reasoning

Out of 5 cards with numbers 1, 2, 3, 4, 5, two are picked at random one after the other. What is the probability that the number in the second card is odd?

A. 3/4

B. 3/10

C. 1/6

D. 3/5 ✓

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Q9 General Intelligence and Reasoning

One day Rajesh left home and cycled 10 km southwards, and then he turned right and cycled 5 km; again he turned right and cycled 10 km. Then again he turned left and cycled 10 km to reach point P. How many kilometers will he have to cycle to reach his home straight from point P?

Top

A. 20 km

B. 15 km ✓

C. 25 km

D. 10 km

Q10 General Intelligence and Reasoning

If in a certain language 'EXIST' is coded as 'ESIXT', how is 'PLUTO' coded in that language?

A. PTUOL

B. PTULO ✓

C. OLUTP

D. PULTO

Q11 General Intelligence and Reasoning

In a certain code, 'ABC DEF' is written as 'ZYX WVU'. How would 'PASS' be written in that code?

A. KZHH ✓

B. WZHH

C. KMHH

D. KHZZ

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Q12 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 

B. 

C. 

D.  ✓

Q13 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All books are toys.

2) No toy is black.

Conclusions:

I. No book is black.

II. Some books are black.

A. Only conclusion II follows

B. Both conclusions I and II follow

C. Neither conclusion I nor II follows

D. Only conclusion I follows ✓

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Q14 General Intelligence and Reasoning

The sum of the digits of a two-digit number is 9 less than the number. Which of the following digits is at ten's place of the number?

A. 2

B. 1 ✓

C. 4

D. 5

Q15 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. K ✓

B. H

C. N

D. Z

Q16 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends—D, E, F, G, H, I, J and K are sitting around a circular table facing the centre. Each one of them likes different brands of bikes—Yamaha, TVS, Royal Enfield, Jawa, Harley-Davidson, Bajaj, Honda and Suzuki, but not necessarily in the same order.
D sits third to the right of the person who likes Suzuki. D does not like Royal Enfield. H is not an immediate neighbour of K. F sits on the immediate right of the person who likes Royal Enfield. Neither D nor K likes Harley-Davidson or a TVS. The person who likes Harley-Davidson is not an immediate neighbour of the person who likes Suzuki. The person who likes Yamaha sits second to the left of H. The person who likes Yamaha is an immediate neighbour of the both persons who like Bajaj and Honda. Person who likes Honda sits third to the right of E. E does not like Harley-Davidson. I is not an immediate neighbour of D. J is not an immediate neighbour of the person who likes Yamaha. Only two people sit between the person who likes Honda and K. The persons who like Harley-Davidson and the TVS are immediate neighbours of each other.

Which of the following is CORRECTLY matched?

A. H — TVS

B. E — Jawa

C. D — Bajaj

D. J — Harley-Davidson ✓

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Q17 General Intelligence and Reasoning

Find the wrong number in the given series.

428, 413, 398, 384, 368, 353

A. 428

B. 353

C. 398

D. 384 ✓

Q18 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some players are spectators.

2) No player is a theatre.

Conclusions:

I. No spectators are theatres.

II. All spectators being theatres is a possibility.

A. Only conclusion I follows

B. Neither conclusion I nor II follows ✓

C. Both conclusions I and II follow

D. Only conclusion II follows

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Q19 General Intelligence and Reasoning

Choose from the alternatives the figure that best completes the pattern given below.



A.  ✓

B. 

C. 

D. 

Q20 General Intelligence and Reasoning

Every positive integer > 0 can be expressed as a product of 2^n ($n \geq 0$) and another _____.

A. Prime number

B. Even number

C. Odd number ✓

D. Both Even number and Prime number

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Q21 General Intelligence and Reasoning

Which number will best complete the relationship given below?

4 : 64 :: 6 : ?

A. 187

B. 223

C. 219

D. 216 ✓

Q22 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

RPM : IGD :: XVS : ?

A. JMO

B. ILN

C. OMJ ✓

D. NIL

Q23 General Intelligence and Reasoning

Which number will best complete the relationship given below?

7 : 350 :: 8 : ?

A. 510

B. 540

C. 520 ✓

D. 530

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Q24 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends—P, Q, R, S, T, U, V and W are sitting around a square table in such a way that four of them sit at four corners of the square while four sit in the middle of each of the four sides. The ones who sit at the four corners face the center while those who sit in the middle of the sides face outside.
P, who faces the center, sits third to the right of U. T, who faces the center, is not an immediate neighbour of U. Only one person sits between U and V. S sits second to the right of Q. Q faces the center. R is not an immediate neighbour of P.

Who among the following is facing outside?

A. Q

B. V ✓

C. P

D. S

Q25 General Intelligence and Reasoning

16 January 2007 was Tuesday. What day of the week was 16 January 2008?

A. Monday

B. Wednesday ✓

C. Tuesday

D. Sunday

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

How many prominent stars are present in the Ursa Major constellation, which has the shape of a big dipper?

A. Five stars

B. Seven stars ✓

C. Six stars

D. Four stars

Q2 General Intelligence and Reasoning

The number of electrons in the 2nd period is-

A. 4

B. 8 ✓

C. 2

D. 6

Q3 General Intelligence and Reasoning

Choose the largest number from the following that will perfectly divide $(101)^5 - 1$.

A. 100

B. 1000

C. 10

D. 500 ✓

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Q4 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Ten friends are sitting in two parallel rows of six seats each. One seat is vacant in each row. V, W, X, Y and Z are sitting in row-1 facing south. H, I, J, K and L are sitting in row-2 facing north. Each likes different brand of laptops—HP, Lenovo, Dell, Asus, Acer, iBall, Apple, Wildcraft, Micromax and Harissons.
K sits third to the right of J and likes Asus. Only two people sit between I and the vacant seat. I does not like Acer or Dell. Z is not an immediate neighbour of X. W likes Harissons. The one who likes Dell faces the one who likes Wildcraft. The one who likes Dell sits opposite to the one who sits on the third right of the person who sits opposite to K. X is not an immediate neighbour of Y. L, who likes neither Acer nor iBall, does not face the vacant seat. Neither K nor J sits at any of the extreme ends of the row. Y faces J. Vacant seats are not opposite to each other. Two seats are there between X and W, and W sits on the third right of the one who likes Apple. The one who likes Micromax faces the one who likes Asus. The persons who like HP and Wildcraft are adjacent to each other. Vacant seat of row – 1 is not an immediate neighbour of Y. I sits at one of the extreme ends of the row. J does not like HP and Wildcraft. Vacant seat of row-1 does not face K who does not sit at any of the extreme ends of the row.

Who among the following sits opposite to Z?

A. H

B. J

C. I

D. L ✓

Q5 General Intelligence and Reasoning

Anand walked 6 km west from his home and turned south covering 4 km. Finally, he walked 1.5 km towards west. What is the distance from his home and which direction is his home facing?

A. 5.5 km, west

B. 8.5 km, west ✓

C. 7.5 km, east

D. 5.5 km, east

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Q6 General Intelligence and Reasoning

In this question, a statement is given followed by four conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:
Better pay the cook than the doctor.

Conclusions:
I. A cook can expect better payment for the delicious food he prepared.
II. One who visits hotels regularly does not require to go the doctors.
III. It is better to keep a good health by taking good food, than to visit a hospital.
IV. Cooks are poorly paid than the doctors.

A. Only conclusion III follows ✓
B. Only conclusion I follows
C. Only conclusion IV follows
D. Only conclusion II follows

Q7 General Intelligence and Reasoning

From a point, Raju started walking towards east and walked 35 m. He then turned right and walked 20 m, and he again turned right and walked 35 m. Finally, he turned left and walked 20 m and reached his destination. How far is he now from his starting point?

A. 40 m ✓
B. 20 m
C. 55 m
D. 50 m

Q8 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Pupil
B. Iris
C. Medulla ✓
D. Cornea

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Q9 General Intelligence and Reasoning

If 'ENGLAND' is written as 1234526 and 'FRANCE' is written as 785291, how is 'GREECE' written?

A. 381791

B. 381691

C. 381171

D. 381191 ✓

Q10 General Intelligence and Reasoning

Which number will best complete the relationship given below?

81 : 16 :: ? : 25

A. 27

B. 98

C. 26

D. 100 ✓

Q11 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All shawls are carpets.

2) No carpet is shirt.

Conclusions:

I. No shirt is carpet.

II. No shawl is shirt.

A. Either conclusion I or II follows

B. Both conclusions I and II follow ✓

C. Only conclusion I follows

D. Only conclusion II follows

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Q12 General Intelligence and Reasoning

What is the probability that a two-digit number chosen at random number is not a prime number?

A. 23/30 ✓

B. 21/90

C. 67/90

D. 7/30

Q13 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

A, B, C, D and E are friends, and they use different cars—Mercedes, BMW, Volvo, Range Rover and Audi. Colours of these cars are—blue, white, black, red and green, but not necessarily in the same order.

i) A has an Audi, but it is not green.

ii) B has a red colour Range Rover.

iii) C has a blue car, but not Mercedes.

iv) E has a black car, which is neither BMW nor Volvo.

v) Those who have green car use BMW.

Which of the following cars does C have?

A. Mercedes

B. BMW

C. Volvo ✓

D. Range Rover

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Q14 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:
1) All girls are boys.
2) All boys are males.

Conclusions:
I. All girls are males.
II. Some males are girls.

A. Only conclusion II follows

B. Both conclusions I and II follow ✓

C. Only conclusion I follows

D. Neither conclusion I nor II follows

Q15 General Intelligence and Reasoning

A person moves towards south direction and turns left. Again he turns 45° to his left side. In which direction is he facing now?

A. North west

B. North east ✓

C. South east

D. South west

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Q16 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 

B. 

C. 

D. 

Top

Q17 General Intelligence and Reasoning

If 'ish lto inm' stands for 'neat and tidy'; 'qpr inm sen' stands for 'small but neat'; 'hsm sen rso' stands for 'good but erratic', what would 'but' stand for?

A. qpr

B. inm

C. sen

D. hsn

Q18 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. April

B. July

C. December

D. January

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Q19 General Intelligence and Reasoning

A set of cards are numbered from 1 to 50. If two cards are selected at random, what is the probability that the numbers in the two cards are odd?

A. 12/49 ✓

B. 24/49

C. 23/50

D. 12/25

Q20 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Square : Perimeter :: Circle : ?

A. Diameter

B. Circumference ✓

C. Surface area

D. Volume

Q21 General Intelligence and Reasoning

Mark the INCORRECT statement(s).

(i) All integers are fractions.

(ii) Fractions are closed under the operation of addition.

(iii) All fractions are also integers.

(iv) Fractions cannot be represented on the number line.

A. Statement (ii) only

B. Statements (iii) and (iv) only ✓

C. Statement (iii) only

D. Statement (iv) only

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Q22 General Intelligence and Reasoning

Which of these numbers cannot be the HCF of any set of numbers?

Top

A. 2

B. 1

C. -1

D. 0 ✓

Q23 General Intelligence and Reasoning

If in a certain language 'PENSION' is coded as 'NEISNOP', how is 'FOLIAGE' coded in that code?

A. EOAIGLF

B. EOAILGF ✓

C. EOIALGF

D. EOALIGF

Q24 General Intelligence and Reasoning

Which number will best complete the relationship given below?

2 : 12 :: 3 : ?

A. 36 ✓

B. 32

C. 40

D. 38

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Q25 General Intelligence and Reasoning

If $\sqrt{0.0169 \times x} = 1.3$, then find the value of 'x'.

A. 1000

B. 50

C. 100 ✓

D. 10

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

If $x = a \sec\theta + b \tan\theta$ and $y = a \tan\theta + b \sec\theta$, then find $x^2 - y^2$.

A. $a + b$

B. $a^2 + b^2$

C. $a^2 - b^2$ ✓

D. $\sqrt{a^2 + b^2}$

Q2 General Intelligence and Reasoning

In a certain code, 'ABCDEF' is written as 'ZYXWVU'. How would 'MEAT' be written in that code?

A. NVZG ✓

B. NWZG

C. NVZU

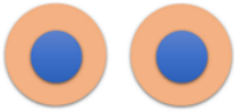
D. NVGZ

Q3 General Intelligence and Reasoning

Choose the figure that best represents the relationship among the classes given below.
Batsman, Ball, Cricket, Stump

A. 

B.  ✓

C. 

D. 

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Q4 General Intelligence and Reasoning

If $x+\frac{1}{x}=1$, then find the value of $x^3+\frac{1}{x^3}$.

A. -2 ✓

B. -1

C. 0

D. 2

Q5 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 9

B. 11 ✓

C. 6

D. 18

Q6 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

YP, TK, (...), MD, KB

A. RI

B. UV

C. NF

D. PG ✓

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Q7 General Intelligence and Reasoning

Choose the alternative that best replaces the question mark(?) in the given figure.

8	9	10
6	5	4
25	?	19
23	27	21

A. 24

B. 12

C. 21

D. 18 ✓

Q8 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons. In row-1, P, Q, R, S, T and V are seated, and all of them are facing south. In row-2, A, B, C, D, E and F are seated, and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.
A sits third to the right of D. Neither A nor D sits at the extreme ends. T faces D. V does not face A, and V does not sit at any of the extreme ends. V is not an immediate neighbour of T. B sits at one of the extreme ends. Only two people sit between B and E. E does not face V. Two persons sit between R and Q. R is not an immediate neighbour of T. C does not face V. P is not an immediate neighbour of R.

How many members sit between T and S?

A. Two ✓

B. Four

C. Three

D. One

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Q9 General Intelligence and Reasoning

Choose the alternative that best replaces the question mark(?) in the given figure.



A. 15 ✓

B. 18

C. 12

D. 14

Q10 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All students are girls.
2) No girl is beautiful.

Conclusions:

I. Some students are beautiful.

II. No student is beautiful.

A. Both conclusions I and II follow

B. Neither conclusion I nor II follows

C. Only conclusion I follows

D. Only conclusion II follows ✓

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Q11 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 123

B. 151

C. 147 ✓

D. 131

Q12 General Intelligence and Reasoning

Find the missing number in the following series.

7776, (...), 216, 36, 6

A. 1287

B. 1275

C. 1263

D. 1296 ✓

Q13 General Intelligence and Reasoning

In a code language, 'KUMAR' is coded as 'LVNBS'. How is 'EMOTIONAL' coded in that language?

A. FNQUJQMBM

B. FNQUJPOBM

C. FNQUJQOBM

D. FNPUJPOBM ✓

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Q14 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

Company ABC has marketed the product. Go ahead, purchase it if price and quality are your considerations.

Conclusions:

I. The product must be good in quality.

II. The price of the product must be reasonable.

A. Both conclusions I and II follow ✓

B. Only conclusion II follows

C. Either conclusion I or II follows

D. Only conclusion I follows

Q15 General Intelligence and Reasoning

In this question, statements are given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

$O \geq T > W = G; D \leq T$

Conclusions:

I. $W > D$

II. $W < O$

III. $O \geq D$

A. Only conclusions II and III are true ✓

B. Only conclusions I and III are true

C. Only conclusion I is true

D. Only conclusions I and II are true

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Q16 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

ZYX : TSR :: MLK : ?

A. EDC

B. HGF

C. GFE ✓

D. EFG

Q17 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

ZA, WB, (...), KH, BP

A. PG

B. IR

C. RD ✓

D. RP

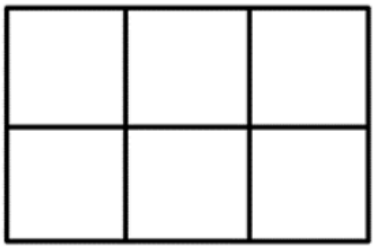
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Q18 General Intelligence and Reasoning

How many squares are there in the given figure?



Top

A. 8 ✓

B. 6

C. 10

D. 4

Q19 General Intelligence and Reasoning

A boy walks 2 km to the east and walks 2.5 km to the north. Again he turns to the east and walks 1.5 km. How far is he from the starting point?

Top

A. 5.5 km

B. 2.5 km

C. 1.5 km

D. 4.3 km ✓

Q20 General Intelligence and Reasoning

If $x = 100,\ y = 99$ then find the value of $\frac{x^2+y^2+xy}{x^3-y^3}$.

A. 1 ✓

B. 0

C. 199

D. 2

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Q21 General Intelligence and Reasoning

Rahim started from point X and walked straight 5 km west, then turned left and walked straight 2 km and again turned left and walked straight 7 km. In which direction is he from the point X?

A. South east ✓

B. South west

C. North east

D. North west

Q22 General Intelligence and Reasoning

In a class 3/4 of the students do not know either Hindi or English. 1/6 of the students know English and 1/8 of the students know Hindi. What part of the students know both English and Hindi?

A. 5/6

B. 1/4

C. 1/12

D. 1/24 ✓

Q23 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

During a vacation, a game is being played. For the game, 9 people from J to R (mix of boys and girls) have to stand in a vertical row. Boys are wearing black shoes and girls are wearing pink shoes. The row starts at top and with a pink shoe. Boys and girls stand alternately in the row. Each position in the row can be occupied by one person only.

i) J stands seven places before K.
ii) Third pink shoes is L.
iii) Second boy after L is M.
iv) Fourth place in the row is occupied by N.
v) O stands ahead of J.
vi) P stands between L and J.
vii) R is a girl.

Which of the following is a pair of girls?

A. O and N

B. N and Q

C. P and L ✓

D. R and M

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Q24 General Intelligence and Reasoning

Find the value of $0.1\overline{8}$

A. 27/90

B. 17/100

C. 18/100

D. 17/90 ✓

Q25 General Intelligence and Reasoning

A situation marked by rising prices and stagnation in demand is known as-

A. Cost-push inflation

B. Demand–pull inflation

C. Stagflation ✓

D. Wage–push inflation

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Which of these is NOT a whole number?

A. 6 ÷ 5 ✓

B. (-6) ÷ (-2)

C. 8 ÷ 2

D. 18 - (2 × 9)

Q2 General Intelligence and Reasoning

Who is considered as "The father of Biology" ?

A. Aristotle ✓

B. Carolus Linnaeus

C. Leeuwenhoek

D. Lankester

Q3 General Intelligence and Reasoning

Which number will best complete the relationship given below?

Top

Handball : 7 :: Field Hockey : ?

A. 7

B. 11 ✓

C. 14

D. 13

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Q4 General Intelligence and Reasoning

If 'NOR' is coded as 2-3-6, then how should 'REST' be coded?

A. 5-19-5-8

B. 6-18-5-8

C. 6-19-7-8 ✓

D. 6-19-6-7

Q5 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. SUV

B. MOP

C. GIJ

D. KML ✓

Q6 General Intelligence and Reasoning

Which of these properties does NOT hold good in a triangle?

A. Sum of any two sides is equal to the third side ✓

B. Sum of any two sides is greater than the third side

C. Difference of any two sides is less than the third side

D. Sum of the angles is 180° always

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Q7 General Intelligence and Reasoning

Prakash runs from his home towards east direction for 50 m and then turns left and runs for 20 m. Again he turns left and runs for 30 m; and again turns left and runs for 20 m to reach point 'A'. What is the distance from the point A to is home straight?

A. 30 m

B. 40 m

C. 10 m

D. 20 m ✓

Q8 General Intelligence and Reasoning

What comes in the place of *?

$(7 \times 7)^3 \div (49 \times 7)^3 \times (2401)^2 = 7^*$

A. 5 ✓

B. 7

C. 8

D. 3

Q9 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. BBG ✓

B. AIF

C. AFI

D. ABA

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Q10 General Intelligence and Reasoning

In this question, a statement is given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

$L \leq R < M < N < K$

Conclusions:

I. $L < N$

II. $K > M$

III. $R < N$

A. Only conclusion II is true

B. Only conclusion III is true

C. Only conclusion I is true

D. All conclusions are true ✓

Q11 General Intelligence and Reasoning

In a certain code, if 'TREE' is coded as 7100, 'FROG' as 2159, how is 'FREE' coded in that code?

A. 1002

B. 2100 ✓

C. 3100

D. 1003

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Q12 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

P, Q, R, S and T are friends, and they use different cars—Maruti, Volkswagen, Jaguar, Porsche and Renault. Colours of these cars are—blue, white, black, red and green, but not necessarily in the same order.

i) P has an Renault, but it is not green.

ii) Q has a red colour Porsche.

iii) R has a blue car, but not Maruti.

iv) T has a black car, which is neither Volkswagen nor Jaguar.

v) Those who have green car use Volkswagen.

What is the colour of Renault?

A. Green

B. White ✓

C. Blue

D. Black

Q13 General Intelligence and Reasoning

Arrange the following decimals in descending order.

0.21, 0.021, 0.201, 0.102

A. 0.21, 0.201, 0.102, 0.021 ✓

B. 0.21, 0.201, 0.021, 0.102

C. 0.021, 0.21, 0.201, 0.102

D. 0.21, 0.021, 0.201, 0.102

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Q14 General Intelligence and Reasoning

Two men—P and Q start from two points—X and Y on opposite banks of a still river towards Y and X respectively. They meet at 340 m from one bank 'X' and proceed on their respective onward journey. After that they meet at 170 m from the other bank 'Y' on their return journey. What is the width of the river?

Top

A. 1 km

B. 400 m

C. 850 m ✓

D. 1.5 km

Q15 General Intelligence and Reasoning

Siva left school and cycled 10 km towards east. He then turned right and cycled 10 km and turned left and cycled 20 km and reached point 'A'. How many kilometers should he cycle from the school to point 'A'?

A. 20 km

B. 40 km ✓

C. 30 km

D. 10 km

Top

Q16 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some rats are tigers.

2) All cats are tigers.

Conclusions:

I. Some tigers are cats.

II. Some tigers are rats.

A. Only conclusion II follows

B. Neither conclusion I nor II follows

C. Only conclusion I follows

D. Both conclusions I and II follow ✓

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Q17 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some boys are girls.

2) Some students are boys.

Conclusions:

I. All girls are students.

II. Some students are girls.

A. Both conclusions I and II follow

B. Neither conclusion I nor II follows ✓

C. Only conclusion II follows

D. Only conclusion I follows

Q18 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 6, 72

B. 2, 8

C. 8, 130 ✓

D. 4, 32

Q19 General Intelligence and Reasoning

If 'R' is coded as 5, 'L' is coded as 1, 'N' is coded as 6, 'T' is coded as 2, 'U' is coded as 8, 'F' is coded as 3, 'S' is coded as 4, 'I' is coded as 9, and 'G' is coded as 7, what is the decoded form of 425967?

A. TRINGS

B. SRTNIG

C. STRING ✓

D. SITRNG

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Q20 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

During an event, a game is being played. For the game, 9 people from R to Z (mix of boys and girls) have to stand in a vertical row. Boys are wearing black t-shirts and girls are wearing white t-shirts. The row starts at top and with a white t-shirt. Boys and girls stand alternately in the row. Each position in the row can be occupied by one person only.

i) R stands seven places before S.
ii) Third white t-shirt is T.
iii) Second boy after T is U.
iv) Fourth place in the row is occupied by V.
v) W stands ahead of R.
vi) X stands between T and R.
vii) Z is a girl.

Who among the following stands between T and Z?

A. V
B. Y ✓
C. U
D. S

Top

Q21 General Intelligence and Reasoning

Y is placed to the east of X, and Z is placed to the south of X. What is the direction of Z with respect to Y?

A. South east
B. North west
C. South west ✓
D. North east

Q22 General Intelligence and Reasoning

In a certain code, 'MASTER' is coded as 'VIYZOX'. How is 'STREAM' coded?

A. YZXIOV
B. YZXOIV ✓
C. ZYXOIV
D. YZOXIV

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Q23 General Intelligence and Reasoning

The consistency of a given data can be determined from the value of _____.

A. The range

B. The mode

C. Difference between mean and median

D. The standard deviation ✓

Q24 General Intelligence and Reasoning

In the second quadrant, sin θ varies from:

A. 1 to -1

B. 1 to 0 ✓

C. 0 to -1

D. -1 to 1

Q25 General Intelligence and Reasoning

If 'L' stands for '+', 'M' stands for '–' , 'N' stands for 'x', 'P' stands for '÷', then 14 N 10 L 42 P 2 M 10 = ?

A. 216

B. 329

C. 243

D. 151 ✓

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General Intelligence and Reasoning 18 Questions • Answer Key

Q1 General Intelligence and Reasoning

A man goes towards east 5 km, then he takes 120 degrees right turn and goes 5 km. He again takes 120 degrees right turn and goes 5 km. With respect to the starting point, where is he now?

A. West

B. East

C. At the starting point ✓

D. North east

Q2 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. EGJ ✓

B. LNP

C. NPR

D. UWY

Q3 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. FIGURE : IFUGER ✓

B. BREATH : ERBHTA

C. RUGGER : GURREG

D. PARROT : RAPTOR

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Q4 General Intelligence and Reasoning

In a certain code, 'TRIPPLE' is written as 'SQHOOKD'. How is 'DISPOSE' written in that code?

A. CHRONDR

B. CHRORND

C. CHRONRD ✓

D. CHRNORD

Q5 General Intelligence and Reasoning

If in a certain code, 'HEAVY' is written as 'ICBTZ', then how will 'QUICK' be written in that code?

A. RSAJL

B. OSJAL

C. RSKAL

D. RSJAL ✓

Q6 General Intelligence and Reasoning

Ramya walked eastwards and turned to her left. She turned right two times. Which direction is she walking now?

A. East

B. South east

C. South west

D. South ✓

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Q7 General Intelligence and Reasoning

Which number will best complete the relationship given below?

2 : 3 :: 23 : ?

A. 25

B. 31

C. 27

D. 29 ✓

Q8 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements :

1) All grasses are trees.

2) No tree is shrub.

Conclusions:

I. No grass is shrub.

II. Some shrubs are grasses.

A. Only conclusion II follows

B. Neither conclusion I nor II follows

C. Both conclusions I and II follow

D. Only conclusion I follows ✓

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Q9 General Intelligence and Reasoning

If '×' means '+', '–' means '×', '+' means '+' and '+' means '–', then 3 - 15 + 16 × 8 + 6 = ?

A. 35

B. 47

C. 30

D. 41 ✓

Q10 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.
Eight friends— A, B, C, D, E, F, G and H are sitting around a square table in such a way that four of them sit at four corners of the square while four sit in the middle of each of the four sides. The ones who sit at the four corners face the center while those who sit in the middle of the sides face outside.
A, who faces the center, sits third to the right of F. E, who faces the center, is not an immediate neighbour of F. Only one person sits between F and G. D sits second to the right of B. B faces the center. C is not an immediate neighbour of A.

Who among the following sits opposite to A?

A. B

B. F

C. D ✓

D. E

Q11 General Intelligence and Reasoning

If 'nitco sco tingo' stands for 'softer than flower', 'tingo rho mst' stands for 'sweeter flower fragrance' and 'mst sco tmp' stands for 'sweeter than smile' what would 'softer' stand for?

A. sco

B. mst

C. tingo

D. nitco ✓

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Q12 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends— A, B, C, D, E, F, G and H are sitting around a circular table facing the centre. Each one of them likes different brands of car—Swift, Indica, Polo, Volvo, Audi, BMW, Maruti and Kwid, but not necessarily in the same order.
A sits third to the right of the person who likes Kwid. A does not like Polo. E is not an immediate neighbour of H. C sits on the immediate right of the person who likes Polo. Neither A nor H likes Audi or a Indica. The person who likes Audi is not an immediate neighbour of the person who likes Kwid. The person who likes Swift sits second to the left of E. The person who likes Swift is an immediate neighbour of the both persons who like BMW and Maruti. Person who likes Maruti sits third to the right of B. B does not like Audi. F is not an immediate neighbour of A. G is not an immediate neighbour of the person who likes Swift. Only two people sit between the person who likes Maruti and H. The persons who like Audi and the Indica are immediate neighbours of each other.

Which of the following is TRUE with respect to the given seating arrangement?

A. The persons who like BMW and Indica are immediate neighbours to each other

B. E sits to the immediate left of the person who likes Kwid

C. G sits second to the right of D

D. F and D are immediate neighbours to each other ✓

Q13 General Intelligence and Reasoning

The hormone thyroxine is commonly known as-

A. T3

B. T4 ✓

C. PTH

D. TSH

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Q14 General Intelligence and Reasoning

In a certain code language 'no more food' is written as 'ta ka da', 'more than that' is written as 'sa pa ka'. How is 'that' written in that code language?

A. sa or pa ✓

B. da

C. ta or da

D. ka

Q15 General Intelligence and Reasoning

Which number will best complete the relationship given below?

27 : 16 :: 125 : ?

A. 34

B. 36 ✓

C. 32

D. 30

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Q16 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) No magazine is cap.

2) All caps are cameras.

Conclusions:

I. No camera is magazine.

II. Some cameras are magazines

A. Both conclusions I and II follow

B. Either conclusion I or II follows ✓

C. Only conclusion I follows

D. Only conclusion II follows

Q17 General Intelligence and Reasoning

Which of the following group of alphabets will best complete the relationship given below?

BH : JP :: FK : ?

A. MS

B. NS ✓

C. OT

D. NT

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Q18 General Intelligence and Reasoning

Varun walked 4.5 km towards south direction and turned right. After reaching 3 km, he turned left and walked 5 km. What is the distance he covered towards south?

A. 4.5 km

B. 5 km

C. 8.5 km

D. 9.5 km ✓

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Evaluate: $\cfrac{1}{1+\cfrac{1}{1+\cfrac{1}{1-\frac{1}{2}}}}$

A. $3/8$

B. $4/3$

C. $3/2$

D. $3/4$ ✓

Q2 General Intelligence and Reasoning

In a two-digit number, the digit in the unit's place is four times the digit in ten's place and sum of the digits is equal to 10. Find the number.

A. 28 ✓

B. 14

C. 41

D. 82

Q3 General Intelligence and Reasoning

Evaluate: $\left(\frac{\sin 47°}{\cos 43°}\right)^2+\left(\frac{\cos 43°}{\sin 47°}\right)^2-4\cos^2 45°$

A. -3

B. 0 ✓

C. 1

D. 2

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Q4 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight captains of different volleyball teams—Iran, Germany, Romania, Serbia, Tunisia, China, Brazil and Cuba are sitting around a circular table and are facing the centre, but not necessarily in the same order. Romanian captain sits third to the left of the Tunisian captain. Only two people sit between the Iran captain and Brazil captain. Neither the Iran captain nor Brazil captain is an immediate neighbour of the Romanian captain. The captain of Cuba sits second to the right of the China captain. China captain is not an immediate neighbour of the Romanian captain. The Iran captain sits third to the left of the Romanian captain. Captains of Serbia and Germany are not immediate neighbours. Serbia captain sits third to the left of the China captain.

How many persons are sitting between the captain of China and Romania in clockwise direction?

A. Three ✓

B. Two

C. Four

D. Five

Q5 General Intelligence and Reasoning

If 'sti nro kti' stands for 'clouds pour down', 'nro bsi mit' stands for 'down he goes', and 'bsi nro zpi' stands for 'died down he', which word would mean 'goes'?

A. mit ✓

B. kti

C. nro

D. bsi

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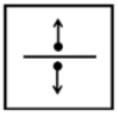
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Q6 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 

B. 

C. 

D. 

Q7 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight students—S, T, U, V, W, X, Y and Z are sitting around a circle facing the center. S is second to the right of Y who is third to the right of T. V is second to the left of X who sits between Y and S. U is not a neighbour of T or W.

Who is to the immediate left of U?

A. S

B. T

C. Z

D. W

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Q8 General Intelligence and Reasoning

Express the the following expression in terms of partial fraction:

$$\frac{x}{(x+1)^2}$$

A. $\frac{2}{x+1}-\frac{1}{(x+1)^2}$

B. $\frac{1}{x+1}+\frac{1}{(x+1)^2}$

C. $\frac{1}{x+1}+\frac{x-1}{(x+1)^2}$

D. $\frac{1}{x+1}-\frac{1}{(x+1)^2}$ ✓

Q9 General Intelligence and Reasoning

Mohan started from point A and proceeded 7 km straight towards east, then he turned left and proceeded straight for a distance of 10 km. He then turned left again and proceeded straight for a distance of 6 km, and then turned left again and proceeded straight for another 10 km. How far and in which direction is he from the point A?

A. 1 km, south

B. 1 km, west

C. 1 km, east ✓

D. 2 km, north

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Q10 General Intelligence and Reasoning

Which number will best complete the relationship given below?

25 : 9 :: 16 : ?

A. 6

B. 4 ✓

C. 8

D. 11

Q11 General Intelligence and Reasoning

Find the value of $\tan^2 60° - 2\tan^2 45° - \cot^2 30° + 2\sin^2 30° + 3/4\ \text{cosec}^2 45°$.

A. 2

B. -1

C. $-\frac{\sqrt{3}}{2}$

D. 0 ✓

Q12 General Intelligence and Reasoning

Complete the series.

YA, PP, IP, DL, (...)

A. GE

B. AE ✓

C. YS

D. TN

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Q13 General Intelligence and Reasoning

If 'PLAY' is coded as 8123 and 'RHYME' is coded as 49367, then how is 'MALE' coded?

A. 6395

B. 6198

C. 6285

D. 6217 ✓

Q14 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All colours are pants.

2) All pants are brushes.

Conclusions:

I. Some brushes are pants.

II. Some brushes are colours.

A. Neither conclusion I nor II follows

B. Both conclusions I and II follow ✓

C. Only conclusion I follows

D. Only conclusion II follows

Q15 General Intelligence and Reasoning

Find the ODD one out from the given options.

Top

A. 25

B. 8 ✓

C. 9

D. 16

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Q16 General Intelligence and Reasoning

Find the missing number in the following series.

5, 69, 101, (...), 125, 129

A. 103

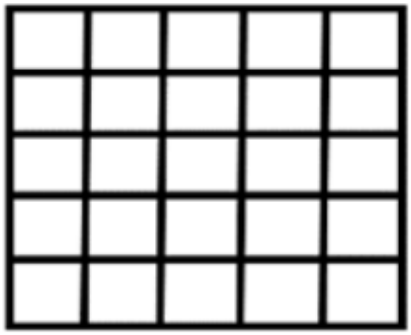
B. 126

C. 112

D. 117 ✓

Q17 General Intelligence and Reasoning

How many squares are there in the given figure?



A. 55 ✓

B. 45

C. 23

D. 36

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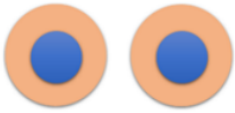
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Q18 General Intelligence and Reasoning

Choose the figure that best represents the relationship among the classes given below.
Indoor games, Chess, Table tennis, Cricket

A.  ✓

B. 

C. 

D. 

Q19 General Intelligence and Reasoning

Complete the series.

DMP, FLN, HKL, JJJ, (...)

A. MIH

B. III

C. LIH ✓

D. MII

Q20 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Slow : Sluggish ✓

B. Kind : Cruel

C. Stale : Fresh

D. Truth : Lie

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Q21 General Intelligence and Reasoning

In this question, a statement is given followed by four conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:
In the university examination, most of the candidates take exam in Hindi medium.

Conclusions:
I. Some candidates take exam in Hindi.
II. Most of the candidates appeared for the examination are from Hindi medium.
III. In this examination no candidate writes answers in medium other than Hindi.
IV. All the candidates who appear in this examination write answers in Hindi.

A. Only conclusion II follows ✓
B. Only conclusion IV follows
C. Only conclusion I follows
D. Both conclusions I and II follows

Q22 General Intelligence and Reasoning

If in a certain language 'CHAMPION' is coded as 'HCMAIPNO', how is 'NEGATIVE' coded in that code?

A. EGAITEVN
B. ENAGITEV ✓
C. ENAGVEIT
D. ENGAETVI

Q23 General Intelligence and Reasoning

Vijayan started walking towards south. After walking 15 m, he turned left and walked 15 m. He again turned left and walked 15 m. How far and in which direction is he from his starting point?

A. 15 m, west
B. 15 m, south
C. 15 m , east ✓
D. 30 m, east

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Q24 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

Video-libraries are flourishing very much these days.

Conclusions:

I. People in general have got a video craze.

II. It is much cheaper to see as many movies as one likes on videos rather than going to the cinema hall.

A. Only conclusion I follows

B. Neither conclusions I nor II follows ✓

C. Only conclusion II follows

D. Either conclusion I or II follows

Q25 General Intelligence and Reasoning

The atomic number is denoted by the alphabet-

A. X

B. A

C. Z ✓

D. N

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

From the points 'x' m and 'y' m away from the foot of a tree on either side of it the angles of elevation of the tree-top are α, β respectively. If $\alpha + \beta = 90°$, then find the height of the tree.

A. $x \cos \alpha + y \cos \beta$

B. $\sqrt{xy}$ ✓

C. $\frac{(x+y)^2}{2}$

D. $(x - y)^2$

Q2 General Intelligence and Reasoning

In a certain code, 'ABC DEF' is written as 'ZYX WVU'. How would 'FAIL' be written in that code?

A. URZO

B. UZWO

C. UZRO ✓

D. UZOR

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Q3 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

The best evidence of India's glorious past is the growing popularity of Ayurvedic medicines in the West.

Conclusions:

I. Ayurvedic medicines are not popular in India.

II. Allopathic medicines are more popular in India.

A. Either conclusion I or II follows

B. Neither conclusion I nor II follows ✓

C. Only conclusion I follows

D. Only conclusion II follows

Q4 General Intelligence and Reasoning

The first letter of a chemical symbol is always written in-

A. Capital letter ✓

B. Small letter

C. Bold

D. Italics

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Q5 General Intelligence and Reasoning

Complete the series.

9, 34, 57, 77, 93, (...)

A. 98

B. 92

C. 104 ✓

D. 87

Q6 General Intelligence and Reasoning

P is 35 m north west to Q, and R is 35 m north east to Q. What is the direction of R from P?

A. North

B. South

C. East ✓

D. West

Q7 General Intelligence and Reasoning

Which number will best complete the relationship given below?
62 : 30 :: 84 : ?

A. 57

B. 50

C. 41 ✓

D. 53

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Q8 General Intelligence and Reasoning

Raj and Roy are standing at point B. They start walking in opposite directions. Raj walked 3 km and Roy walked 4 km. Then, Raj turned right and walked 4 km and Roy turned left and walked 3 km. How far is each from the starting point?

A. 4.5 km, 5 km

B. 8 km, 6 km

C. 5 km, 5 km ✓

D. 6 km, 4 km

Q9 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Five friends Abi, Chithra, Rekha, Priya and Divya are sitting on a bench facing north. Abi is sitting next to Chithra. Priya is sitting next to Rekha. Priya is not sitting with Divya. Divya is on the left end of the bench. Rekha is on the second position from the right. Abi sits to the right of Chithra. Abi and Rekha are sitting together.

What is the position of Chithra?

A. Extreme left

B. Second from the right

C. Second from the left ✓

D. Extreme right

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Q10 General Intelligence and Reasoning

Complete the series.

AC, PD, PF, LJ, (...)

A. GA

B. ER ✓

C. SP

D. AV

Q11 General Intelligence and Reasoning

In the following question, which one of the four interchanges in signs and numbers would make the given equation correct?

15 + 4 - 2 × 7 = 27

A. × and -; 4 and 15 ✓

B. - and +; 2 and 15

C. + and -; 2 and 4

D. × and +; 7 and 4

Q12 General Intelligence and Reasoning

A dog is running towards its owner who is standing at the east direction. From which direction did the dog start?

A. West ✓

B. East

C. North

D. South

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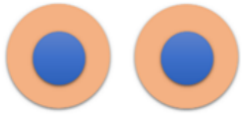
Q13 General Intelligence and Reasoning

Choose the figure that best represents the relationship among the classes given below.
Educated, Uneducated, Doctors, People

A. 

B. 

C.  ✓

D. 

Q14 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 25

B. 78 ✓

C. 30

D. 75

Q15 General Intelligence and Reasoning

Simplify: $(28\times9+54\times3+12\times11)\div\left(14^2-\sqrt{961}+17\right)$

A. 7

B. 5

C. 8

D. 3 ✓

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Q16 General Intelligence and Reasoning

Choose the pair which shows the same relationship as in the pair given below.

2 - 4 - 6 : 10 - 12 - 14

A. 18 - 20 - 22 : 26 - 28 - 30 ✓

B. 13 - 14 - 15 : 18 - 19 - 20

C. 31 - 33 - 35 : 37 - 39 - 41

D. 3 - 4 - 5 : 6 - 7 - 8

Q17 General Intelligence and Reasoning

Complete the series.

UY, OP, II, ED, (...)

A. GG

B. EE

C. AA ✓

D. SS

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Q18 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

During a party, a game is being played. For the game, 9 people from A to I (mix of boys and girls) have to stand in a vertical row. Boys are wearing red t-shirts and girls are wearing pink t-shirts. The row starts at left and with a pink t-shirt. Boys and girls stand alternately in the row. Each position in the row can be occupied by one person only.

i) A stands seven places before B.

ii) Third pink t-shirt is C.

iii) Second boy after C is D.

iv) Fourth place in the row is occupied by E.

v) F stands ahead of A.

vi) G stands between C and A.

vii) I is a girl.

Which of the following is a pair of boys?

A. E and H ✓

B. F and A

C. E and C

D. D and B

Q19 General Intelligence and Reasoning

Choose the alternative that best replaces the question mark(?) in the given figure.



(10-3)^2=49
49-3=46

A. 51

B. 21

C. 46 ✓

D. 39

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Q20 General Intelligence and Reasoning

If the word 'EXAMINATION' is coded as 89123416354, which word stands for 456354?

A. STATION

B. NATION

C. NOTION ✓

D. RATION

Q21 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 

B. 

C.  ✓

D. 

Q22 General Intelligence and Reasoning

If a, b, c and d are in proportion, then find the mean proportional between $(a^2 + c^2)$ and $(b^2 + d^2)$.

A. ab + cd ✓

B. ab - cd

C. ad + bc

D. ad - bc

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Q23 General Intelligence and Reasoning

Choose from the alternatives the figure that best completes the pattern given below.



A. 

B. 

C.  ✓

D. 

Q24 General Intelligence and Reasoning

If 'nitco sco tingo' stands for 'softer than flower', 'tingo rho mst' stands for 'sweeter flower fragrance' and 'mst sco tmp' stands for 'sweeter than smile', what would 'fragrance' stand for?

A. tmp

B. sco

C. rho ✓

D. mst

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Q25 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Radish

B. Tomato ✓

C. Carrot

D. Potato

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. K ✓

B. X

C. R

D. N

Q2 General Intelligence and Reasoning

Complete the series.

A, D, H, M, S, (...)

A. U

B. Y

C. V

D. Z ✓

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Q3 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

RAT : SDY :: BAD : ?

A. DCI

B. CDI ✓

C. BFL

D. LFB

Q4 General Intelligence and Reasoning

If a and b are coprime , then a^2 and b^2 are-

A. Coprime ✓

B. Both even

C. Need not be coprime

D. Both odd

Q5 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

MB, OE, UJ, (...), EZ

A. KS

B. SQ ✓

C. RC

D. PA

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Q6 General Intelligence and Reasoning

If 'tir sil fit' stands for 'nice big home'; 'kon hit sil' stands for 'home is good' and 'bdf zkr kon' stands for 'cost is low', which word would represent 'good'?

A. sil

B. zkr

C. kon

D. hit ✓

Q7 General Intelligence and Reasoning

In a certain code, 'MAN' is written as 'SANM', and 'WORD' is written as 'SORDW'. How would 'SALE' be written in that code?

A. LESAS

B. LEASS

C. SALES ✓

D. SEALS

Q8 General Intelligence and Reasoning

Mark the INCORRECT statement(s).

(i) In a proper fraction, numerator < denominator.

(ii) Mixed numbers can be written as proper fractions.

(iii) Improper fractions can be rewritten as mixed numbers.

(iv) Like fractions have the same numerator.

A. Statement (iv) only

B. Statements (ii) and (iv) only ✓

C. Statement (ii) only

D. Statement (iii) only

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Q9 General Intelligence and Reasoning

If 'MISTAKE' is coded as 9765412 and 'NAKED' is coded as 84123, how is 'STAIN' coded?

A. 89483

B. 65478 ✓

C. 68194

D. 98175

Q10 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 1331

B. 729

C. 2197

D. 441 ✓

Q11 General Intelligence and Reasoning

Two girls travel in opposite directions, the former from 'A' at a speed of 25 km/h and takes 20 hours to reach her destination 'B'. The latter from 'B' takes 25 hours to reach her destination 'A' meeting the former on her way. What is the latter's speed?

A. 25 km/h

B. 20 km/h ✓

C. 15 km/h

D. 18 km/h

Q12 General Intelligence and Reasoning

If many bulbs are connected in series in a circuit, and if one bulb blows off, what happens to the other bulbs?

A. A few bulbs burst

B. Some bulbs glow and some do not glow

C. All the other bulbs stop glowing ✓

D. All the other bulbs glow

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Q13 General Intelligence and Reasoning

Starting from a point S, Mahesh walked 25 m towards south. He turned to his left and walked 50 m. He again turned to his left and walked 25 m. He again turned to his left and walked 60 m and reached a point T. How far and in which direction is Mahesh from Point S?

A. 25 m, north

B. 10 m, east

C. 10 m, west ✓

D. 25 m, west

Q14 General Intelligence and Reasoning

If 4 years are subtracted from the age of a person and divided by 5, the result gives his grandson's age. The grandson now has a sister aged 5, six years younger to him. How old is the grandfather?

A. 60

B. 59 ✓

C. 58

D. 57

Q15 General Intelligence and Reasoning

Given $2x^2 + 19x + 45 = 0$ and $2y^2 + 11y + 12 = 0$, then which of the following regarding the roots x, y is TRUE?

A. $x \leq y$

B. $x \geq y$

C. $x > y$

D. $x < y$ ✓

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Q16 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) 'P' is the brother of 'Q'.

2) 'R' is the brother of 'P'.

Conclusions:

I. 'Q' is a girl.

II. 'Q' is a boy.

A. Either conclusion I or II follows ✓

B. Only conclusion II follows

C. Only conclusion I follows

D. Both conclusions I and II follow

Q17 General Intelligence and Reasoning

Abu's watch is showing time as 4:50, where minute hand points north west. Which side will hour hand point?

A. South west

B. South

C. East

D. South east ✓

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Q18 General Intelligence and Reasoning

Which number will best complete the relationship given below?

3 : 29 :: 6 : ?

A. 247

B. 251

C. 218 ✓

D. 229

Q19 General Intelligence and Reasoning

If '+' and 'x' are interchanged and also the numbers 5 and 9 change places, which of the following options is correct?

A. 2 x 9 + 3 x 5 = 21

B. 5 x 9 + 3 x 3 = 0

C. 9 x 5 + 2 x 2 = 25 ✓

D. 3 + 9 x 3 + 5 = 32

Q20 General Intelligence and Reasoning

If A, B are two natural numbers >1 and their H.C.F is 1, then which of these statements is always TRUE?

A. A, B are even consecutive numbers

B. A, B are coprime to each other ✓

C. Product AB is a prime number

D. A, B are both prime numbers

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Q21 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Seven persons—A, B, C, D, E, F and G are sitting along a circle facing the centre. A is between G and D. C is second to the right of D and is between B and F. B is not the neighbour of E.

Who among the following sits fourth to the right of A?

A. C

B. E

C. G

D. F ✓

Q22 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight Ministers —A, B, C, D, E, F, G and H are sitting around a circular table facing the center but not necessarily in the same order. Each one of them holds a different post—Chief Minister, Home Minister, Prime Minister, Tourism Minister, Transport Minister, Defence Minister, Health Minister and Education Minister.
A sits third to the right of the Education Minister, and only two people sit between the Education Minister and H. The Transport Minister and the Home Minister are immediate neighbours. Neither A nor H is a Transport Minister or a Home Minister. The Transport Minister is not an immediate neighbour of the Education Minister. The Chief Minister sits second to the left of E. E is not an immediate neighbour of H. The Chief Minister is an immediate neighbour of both the Defence Minister and the Health Minister. The Health Minister sits third to the right of B. B is not the Transport Minister. C sits to the immediate right of the Prime Minister. A is not the Prime Minister. F is not an immediate neighbour of A. G is not an immediate neighbour of the Chief Minister.

Who among the following is the Education Minister?

A. G

B. A

C. C ✓

D. B

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Q23 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some cups are books.

2) Some books are shirts.

Conclusions:

I. Some cups are shirts.

II. All shirts are books.

A. Only conclusion II follows

B. Only conclusion I follows

C. Neither conclusion I nor II follows ✓

D. Both conclusions I and II follow

Q24 General Intelligence and Reasoning

A man facing north turns 135 degrees in the anti-clockwise direction and then 180 degrees in the clockwise direction. Which direction is he facing now?

A. South east

B. North east ✓

C. West

D. North west

Q25 General Intelligence and Reasoning

Who is considered as the first botanist?

A. Plini

B. Archimedes

C. Plato

D. Theophrastus ✓

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Physician : Treatment :: Judge : ?

A. Lawyer

B. Court

C. Judgement ✓

D. Arrest

Q2 General Intelligence and Reasoning

In a certain code, 15789 is written as 'XTZAL' and 2346 is written as 'NPSU'. How is 23549 written in that code?

A. NPZTX

B. NPTSL ✓

C. NPLUS

D. NPSUL

Q3 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 144

B. 400

C. 196

D. 225 ✓

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Q4 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All trees are flowers.

2) All flowers are grasses.

Conclusions:

I. All trees are grasses.

II. Some flowers are grasses.

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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Q5 General Intelligence and Reasoning

Choose from the alternatives the figure that best completes the pattern given below.



A. 

B.  ✓

C. 

D. 

Q6 General Intelligence and Reasoning

A man walks 3 km towards west and walks 2 km to south. Again he turns east and walks for 0.5 km. How far is he from the starting point?

A. 2.5 km

B. 2 km

C. 3 km

D. 3.2 km ✓

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Q7 General Intelligence and Reasoning

In a certain code language, 'tom na rod' means 'give me sweet', 'jo ta rod' means 'you and me', 'pot ta noc' means 'you are good', and 'jo mit noc' means 'good and bad'.

Which of the following represents 'bad' in that language?

A. jo

B. noc

C. rod

D. mit ✓

Q8 General Intelligence and Reasoning

Choose the figure that best represents the relationship among the classes given below.

Truck, Ship, Goods

A.  ✓

B. 

C. 

D. 

Q9 General Intelligence and Reasoning

If only the measures of the diagonals are given, which of these quadrilateral can be constructed?

1) Square 2) Rectangle 3) Rhombus

A. 1 and 3 ✓

B. 1 and 2

C. 3 only

D. 1 only

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Q10 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Baseball

B. Football

C. Chess ✓

D. Volleyball

Q11 General Intelligence and Reasoning

In a certain code, 26 stands for 'A', 25 stands for 'B'. Which of the following stands for the name of a country?

A. 11-26-16-13

B. 16-26-11-14-26

C. 18-19-22-12-18-26

D. 13-22-11-26-15 ✓

Q12 General Intelligence and Reasoning

Starting from a point, Ganesha walked 12 m north. Then, he turned right and walked 10 m, he again turned right and walked 12 m, then he turned left and walked 5 m. How far and in which direction is he now from the starting point?

A. 10 m, west

B. 10 m, east

C. 5 m, west

D. 15 m, east ✓

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Q13 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

(...), PSV, EHK, TWZ, ILO

A. BEH

B. IMP

C. ADG ✓

D. ZCF

Q14 General Intelligence and Reasoning

Choose the alternative that best replaces the question mark(?) in the given figure.



A. 49

B. 54

C. 61

D. 42 ✓

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Q15 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Seven members A, B, C, D, E, F and G represent different countries in Olympics, USA, China, Korea, France, Russia, Australia and Japan; each one competes for a different sport, viz. volleyball, archery, rifle shooting, tennis, boxing, athletics and football. The order of persons, countries and games is not necessarily the same. C represents China for archery. D represents USA but not for volleyball or rifle shooting. One who represents Japan competes for boxing. E competes for volleyball but not Korea. A represents Australia for athletics. The one who represents Russia competes for tennis. F does not represent Korea or Japan. G competes for rifle shooting.

Which of the following countries is represented by E?

A. Japan

B. France ✓

C. Korea

D. Russia

Q16 General Intelligence and Reasoning

If '+' means '-', '-' means '×', '×' means '÷', and '÷' means '+' then 15 × 3 ÷ 15 + 5 - 2 = ?

A. 6

B. 10 ✓

C. 5

D. 20

Q17 General Intelligence and Reasoning

Evaluate: $45 \text{ of } \frac{3}{5} \div 1\frac{2}{7} + 3 \text{ of } \frac{1}{3} - 10$

A. 10

B. 15

C. 14

D. 12 ✓

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Q18 General Intelligence and Reasoning

Arrange the following fractions in ascending order.

5/9, 8/3, 7/5, 3/5, 1/9

A. 8/3, 7/5, 3/5, 5/9, 1/9

B. 1/9, 5/9, 7/5, 3/5, 8/3

C. 1/9, 5/9, 3/5, 7/5, 8/3 ✓

D. 5/9, 7/5, 3/5, 1/9, 8/3

Q19 General Intelligence and Reasoning

In this question, a statement is given followed by four conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:
Ability is poor man's wealth.

Conclusions:
I. A poor man can earn wealth if he has ability.
II. A wealthy man is always able.
III. A poor man is always able.
IV. A poor man has the ability to earn wealth.

A. Only conclusion I follows ✓

B. Only conclusion III follows

C. Only conclusion IV follows

D. Only conclusion II follows

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Q20 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some glasses are spoons.

2) All spoons are jugs.

Conclusions:

I. All jugs are glasses.

II. Some spoons are jugs.

A. Both conclusions I and II follow

B. Only conclusion II follows ✓

C. Only conclusion I follows

D. Neither conclusion I nor II follows

Q21 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Bacteria : Decomposition :: Yeast : ?

A. Injection

B. Eruption

C. Fermentation ✓

D. Conservation

Q22 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. FPJ

B. LZN

C. KZM ✓

D. HWO

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Q23 General Intelligence and Reasoning

On which of the following days does the festival of Easter fall?

A. Friday

B. Saturday

C. Thursday

D. Sunday ✓

Q24 General Intelligence and Reasoning

Vignesh puts a watch on a table in such a way that it reads 9:15 a.m. Hour hand points to the south direction. Which direction does the minute hand face?

A. West

B. East

C. North ✓

D. South

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Q25 General Intelligence and Reasoning

Choose from the alternatives the figure that best completes the pattern given below.



A. 

B. 

C.  ✓

D. 

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General Intelligence and Reasoning 12 Questions • Answer Key

Q1 General Intelligence and Reasoning

What comes in the place of '*'?

$(216)^{1.3} \times (36)^{1.8} \div (6)^{0.5} = 6^*$

A. 3

B. 4

C. 5

D. 7 ✓

Q2 General Intelligence and Reasoning

In a certain code, 'CENTRAL' is written as 'LARTNEC'. How is 'SEMINAR' written in that code?

A. RANEIMS

B. RANIMES ✓

C. RANIEMS

D. RAINEMS

Q3 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. C : J

B. B : F ✓

C. E : Z

D. D : Q

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Q4 General Intelligence and Reasoning

If 'DELHI' is coded as 'CCIDD', how will 'BOMBAY' be coded?

- A. AMJXVS ✓
- B. AMJVXS
- C. AMJXSV
- D. AJMTVT

Q5 General Intelligence and Reasoning

In this question, three statements are given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some actors are writers.

2) All writers are dancers.

3) No actor is a director.

Conclusions:

I. No writer is an actor.

II. Some actors are dancers.

III. Some writers are not directors.

- A. Only conclusions I and II follow
- B. Only conclusions II and III follow ✓
- C. All conclusions follow
- D. Only conclusion I follows

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Q6 General Intelligence and Reasoning

If 'cinto baoli tsi nzro' means 'her village is Sarurpur', 'mhi cinto keepi tsi oind' means 'her first love is literature', and 'oind geit tsi cinto pki' means 'literature collection is her hobby', which word would mean 'literature'?

A. oind ✓

B. geit

C. baoli

D. cinto

Q7 General Intelligence and Reasoning

Find the missing number in the following series.

126, 129, (...), 147, 171

A. 145

B. 132

C. 135 ✓

D. 141

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Q8 General Intelligence and Reasoning

In this question, a statement is given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

$N \leq R > Q \geq S$

Conclusions:

I. $R \geq S$

II. $S < R$

III. $N < Q$

A. Only conclusion II is true ✓

B. Only conclusions I and III are true

C. Only conclusion I is true

D. Only conclusion III is true

Q9 General Intelligence and Reasoning

A rat runs 20 m towards east and turns right and runs 10 m and turns right and runs 9 m; and again turns left and runs 5 m, and then turns left again and runs 12 m and finally turns left and runs 6 m. Now which direction is the rat facing?

A. East

B. South

C. West

D. North ✓

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Q10 General Intelligence and Reasoning

In a certain code, 'GIVE' is written as 21@# and 'FAIL' is written as 4%19. How is 'FEAL' written in that code?

A. 41%@

B. 24@#

C. 4#%9 ✓

D. 4#%1

Q11 General Intelligence and Reasoning

If '+' means 'x', '-' means '+', 'x' means '÷' and '÷' means '-' , then 6 + 7 x 3 - 8 ÷ 20 = ?

A. 7

B. 2 ✓

C. -3

D. 1

Q12 General Intelligence and Reasoning

Three beakers have capacity of 250 ml, 650 ml and 200 ml each. 682 ml of juice is poured into the three beakers such that the same fraction of each is filled. How much is poured into the smallest beaker?

A. 122 ml

B. 132 ml

C. 124 ml ✓

D. 152 ml

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

ABC, EFG, IJK, (...), UVW

A. OPQ ✓

B. XYZ

C. RST

D. QPO

Q2 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Seven friends— A, B, C, D, E, F and G like different colours—red, blue, white, pink, green, black and yellow, but not necessarily in the same order. They all have different hobbies (or they like different activities) singing, drawing, reading, cooking, painting, dancing and fishing, but not necessarily in the same order.
The hobby of D is singing. The one whose hobby is cooking likes pink colour. A likes yellow colour. The one whose hobby is fishing likes green colour. The hobby of F is reading. Neither D nor F likes black colour. The one whose hobby is dancing, and drawing does not like black colour. The hobby of A is not drawing. The one whose hobby is drawing does not like red and white colour; D does not like red colour. The hobby of E is neither painting nor cooking. E does not like green colour. G does not like green and black colour. The hobby of B is not fishing.

Who among the following likes pink colour?

A. B

B. C

C. E

D. G ✓

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Q3 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Physics

B. Chemistry

C. Mathematics

D. Library ✓

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Q4 General Intelligence and Reasoning

In a certain code language, 'pat zoo sim' means 'eat good mangoes', 'pus sim tim' means 'mangoes and sweets' and 'tim zoo kit' means 'purchase good sweets'. Which word in that language means 'eat'?

A. tim

B. pat ✓

C. sim

D. pus

Q5 General Intelligence and Reasoning

Ethyl alcohol is used as a/an-

A. Fuel in spirit lamps

B. Solvent

C. All of the options ✓

D. Alcoholic beverage

Q6 General Intelligence and Reasoning

The sum of the squared deviations of a set of value is least if measured from _____.

A. Arithmetic mean ✓

B. Median

C. Standard deviation

D. Mode

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Q7 General Intelligence and Reasoning

Two boys A and B start from the opposite direction of 14 km apart. A is facing east and B is facing west. A reaches the distance of 5 km towards east and B reaches a distance of 2 km towards west. What is the distance between the two boys?

Top

A. 9 km

B. 5 km

C. 11 km

D. 7 km ✓

Q8 General Intelligence and Reasoning

If '+' means '-', '-' means '+', 'x' means '÷' and '÷' means 'x', then 5 - 5 + 5 ÷ 5 x 5 = ?

A. 20

B. 26

C. 25

D. 5 ✓

Q9 General Intelligence and Reasoning

From the given options, find the ODD one out.

A. EH

B. PV ✓

C. TW

D. LO

Q10 General Intelligence and Reasoning

Which of these is a perfect square?

A. 9801 ✓

B. 9013

C. 9016

D. 9887

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Q11 General Intelligence and Reasoning

Mark the true statement:

i) There are only two primes that are consecutive positive integers.

ii) For every positive primes, there is a corresponding negative prime.

iii) Sum of two primes is always even

iv) Coprime numbers are always prime numbers.

A. Statements (ii) and (iv) only

B. Statement (iii) only

C. Statement (i) only ✓

D. Statement (ii) only

Q12 General Intelligence and Reasoning

With which of these games is the term 'checkmate' associated?

A. Ludo

B. Chines Checkers

C. Chess ✓

D. Snakes and Ladders

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Q13 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Seven managers— J, K, L, M, N, O and P are sitting along a circle facing the centre. J is between P and M. L is second to the right of M and is between K and O. K is not the neighbour of N.

Which of the following is CORRECT?

A. L is third to the left of J

B. M is second to the left of P

C. J is to the immediate left of M ✓

D. P is between J and M

Q14 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some towns are cities.

2) All cities are homes.

Conclusions:

I. Some towns are homes.

II. Some homes are cities.

A. Only conclusion I follows

B. Neither conclusion I nor II follows

C. Both conclusions I and II follow ✓

D. Only conclusion II follows

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Q15 General Intelligence and Reasoning

Which number will best complete the relationship given below?

21 : 36 :: 13 : ?

A. 20 ✓

B. 23

C. 24

D. 22

Q16 General Intelligence and Reasoning

Mark the right statement:

(i) Coprime numbers must be both prime always.

(ii) Of two coprime numbers one is prime and the other is composite always.

(iii) Coprime numbers are twin primes.

(iv) Two consecutive integers are always coprime.

A. Statement (i) only

B. Statement (ii) only

C. Statement (iii) only

D. Statement (iv) only ✓

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Q17 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All dogs are bats.

2) All bats are cats.

Conclusions:

I. Some dogs are not cats.

II. Some cats are dogs.

A. Only conclusion I follows

B. Both conclusions I and II follow

C. Neither conclusion I nor II follows

D. Only conclusion II follows ✓

Q18 General Intelligence and Reasoning

One Pascal (Pa) equals which of the following?

A. Newton per metre N / m

B. Newton metre N m

C. Newton per metre squared N / m^2 ✓

D. Newton metre squared N m^2

Q19 General Intelligence and Reasoning

If in a certain code, 'il be pee' means 'roses are blue', 'sik hee' means 'red flowers' and 'pee mit hee' means 'flowers are vegetables', then which of the following means 'roses' in that code?

A. be

B. il

C. sik

D. Cannot be determined ✓

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Q20 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

AFI : M :: ABA : ?

A. O

B. L

C. J

D. K ✓

Q21 General Intelligence and Reasoning

Anitha walked 100 m from point A and turned right to cover 45 m. Again she turned right and walked 100 m to reach point B. What is the distance between the point A and B?

A. 50 m

B. 45 m ✓

C. 100 m

D. 35 m

Q22 General Intelligence and Reasoning

Ravi starts walking towards north. After walking 15 m, he turns towards south . After walking 20 m, he turns towards east and walks 10 m. He then turns towards north and walks 5 m. How far and in which direction is he from his starting point?

A. 10 m, west

B. 10 m, south

C. 10 m, east ✓

D. 10 m, north

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Q23 General Intelligence and Reasoning

Complete the series.

ab, ba, abc, cba, abcd, (...)

A. dcba ✓

B. cabd

C. bacd

D. acbd

Q24 General Intelligence and Reasoning

Choose the pair which shows the same relationship as in pair given below.

ABD : EGH

A. IJL : MOP ✓

B. IKL : NRT

C. GHJ : KLN

D. OPR : UTY

Q25 General Intelligence and Reasoning

Fix the symbols +, -, x, ÷ appropriately in the box to fit the equation given here.

5 □ 1 □ 3 □ 5 = 20

A. -, X, X

B. -, +, -

C. X, X, -

D. ÷, +, X ✓

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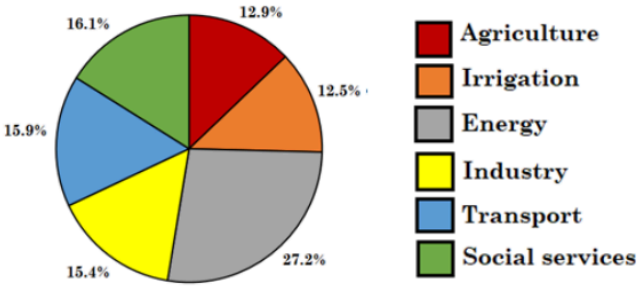
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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Study the following pie chart and answer the question given below it.

The following pie chart represents the percentage distribution for different sectors.



Find the angle subtended at the centre of the circle by the social services sector.

A. 70°

B. 46°

C. 45°

D. 58° ✓

Q2 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Seven members A, B, C, D, E, F and G represent different countries in Olympics are Germany, China, Korea, France, Russia, Austria and Japan; each one competes for a different sport, viz. volleyball, archery, basketball, tennis, boxing, athletics and football. The order of persons, countries and games is not necessarily the same.

C represents China for archery. D represents Germany but not for volleyball or basketball. One who represents Japan competes for boxing. E competes for volleyball but not Korea. A represents Austria for athletics. The one who represents Russia competes for tennis. F does not represent Korea or Japan. G competes for basketball.

Who among the following represents Japan?

A. F

B. B ✓

C. G

D. C

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Q3 General Intelligence and Reasoning

Find the value of $\frac{1}{\sqrt{2}+\sqrt{3}-\sqrt{5}}+\frac{1}{\sqrt{2}-\sqrt{3}-\sqrt{5}}$

A. 1

B. $\sqrt{2}$

C. $\frac{1}{\sqrt{2}}$ ✓

D. $1/2$

Q4 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 

B.  ✓

C. 

D. 

Q5 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Cobbler : Awl :: Barber : ?

A. Plough

B. Sword

C. Scissors ✓

D. Spade

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Q6 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

L, M, N, O, P, Q, R and S are playing a game standing in a circle facing outwards. N is neither the neighbour of L nor of R. O is the neighbour of L but not of S. P is the neighbour of S and is third to the right of Q. M is the neighbour of Q and fourth to the left of O.

Who among the following stands third to the left of O?

A. S ✓

B. P

C. Q

D. M

Q7 General Intelligence and Reasoning

Starting from a point, Raju walked 12 m north, he turned right and walked 10 m, he again turned right and walked 12 m, then he turned left and walked 5 m. How far is he now and in which direction from the starting point?

A. 10 m towards west

B. 27 m towards east

C. 5 m towards east

D. 15 m towards east ✓

Q8 General Intelligence and Reasoning

Atoms having the same mass number but different atomic numbers are known as-

A. Isotopes

B. Isotones

C. Nucleons

D. Isobars ✓

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Q9 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. HJH

B. BDB

C. TRT ✓

D. QSQ

Q10 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

AZ, DW, GT, (...), MN

A. JQ ✓

B. NO

C. RI

D. CY

Q11 General Intelligence and Reasoning

If 'M' means '÷', 'R' means '+', 'T' means '-', and 'K' means 'x' , then, 20 R 16 K 5 M 10 T 8 = ?

A. 32

B. 36

C. 20 ✓

D. 12

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Q12 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1. All worms are mosquitoes.

2. All mosquitoes are birds.

Conclusions:

I. All mosquitoes are worms.

II. All worms are birds.

A. Only conclusion II follows ✓

B. Both conclusions I and II follow

C. Either conclusion I or II follows

D. Only conclusion I follows

Q13 General Intelligence and Reasoning

Simplify: $3.\overline{36} - 2.\overline{05} + 1.\overline{33}$

A. $2.\overline{61}$

B. 2.64

C. $2.\overline{64}$ ✓

D. 2.64

Q14 General Intelligence and Reasoning

Priya rode her cycle 2 km westward and took right and rode another 1 km. Again she took left turn and rode 1 km. How many kilometers has Priya rode towards westwards?

A. 2 km

B. 3 km ✓

C. 4 km

D. 1 km

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Q15 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

gfe__ ig __ eii__fei__ gf __ ii

A. ifgie ✓

B. eifgi

C. figie

D. ifige

Q16 General Intelligence and Reasoning

In a certain code, 'REPORT' is written as 'PRETOR'. How is 'PERSON' written in that code?

A. NSREPO

B. RSONPE

C. RPENSO ✓

D. EOPNSR

Q17 General Intelligence and Reasoning

If in a certain code 'TWENTY' is written as 863985 and 'ELEVEN' is written as 323039, how will 'TWELVE' be written in that code?

A. 863203 ✓

B. 863063

C. 863584

D. 863903

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Q18 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Mountain : Valley :: Enemy : ?

A. Stranger

B. Cruel

C. Friend ✓

D. Country

Q19 General Intelligence and Reasoning

One day morning, Priya was walking towards sun and took four times left turn. Which direction is she facing now?

A. South

B. East ✓

C. North

D. North east

Q20 General Intelligence and Reasoning

How many islands are there in Lakshadweep?

A. 20

B. 30

C. 36 ✓

D. 26

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Q21 General Intelligence and Reasoning

A coin is tossed four times. What is the probability of getting 'head' in the first two tosses?

A. 3/16

B. 3/8

C. 5/16

D. 1/4 ✓

Q22 General Intelligence and Reasoning

If in a certain language 'PEARL' is coded as 'SHDUO', how is 'COVET' coded in that language?

A. EQXHV

B. FNYDW

C. FRYHW ✓

D. FRXHV

Q23 General Intelligence and Reasoning

If 'FRIEND' is coded as 'HUMJTK', how is 'CANDLE' coded?

A. ESJFME

B. EDRIRL ✓

C. DCQHQK

D. FYOBOC

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Q24 General Intelligence and Reasoning

In this question, a statement is given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

Men from country 'X' eat more and exercise less than they used to, and more and more of them are turning obese", says-a fitness expert.

Conclusions:

I. The metabolism rate of men in country 'X' is very low.

II. Exercising is not on the priority list for men in country X.

A. Only conclusion II follows ✓

B. Both conclusions I and II follow

C. Neither conclusion I nor II follows

D. Only conclusion I follows

Q25 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Face : Expression :: Hand : ?

A. Handshake

B. Gesture ✓

C. Painting

D. Work

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Find the standard deviation of the first 'n' natural numbers.

A. $\sqrt{\frac{n^2+1}{6}}$

B. $\frac{n(n+1)}{12}$

C. $\sqrt{\frac{n^2-1}{12}}$ ✓

D. $\frac{n(2n+1)}{3}$

Q2 General Intelligence and Reasoning

The liver oil of fish is rich in-

A. Vitamin D

B. Both Vitamin D and vitamin A ✓

C. Vitamin E

D. Vitamin A

Q3 General Intelligence and Reasoning

In a certain code, 15789 is written as 'EGKPT' and 2346 is written as 'ALUR'. How is 23549 written in that code?

A. ALEUT

B. ALGTU

C. ALGUT ✓

D. ALGRT

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Q4 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

BB, ET, HR, KP, (...), QL

A. UV

B. QP

C. NN ✓

D. PQ

Q5 General Intelligence and Reasoning

From the set of prime numbers between 50 and 100, how many pairs of prime are there that add up to a prime number?

A. 3

B. 2

C. 0 ✓

D. 1

Q6 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Cube : Square :: Square : ?

A. Point

B. Arc

C. Triangle

D. Line ✓

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Q7 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Jungle : Zoo :: Sea : ?

A. Aquarium ✓

B. Water

C. Harbour

D. Fish

Q8 General Intelligence and Reasoning

In this question, a statement is given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

$U = V < W \leq Z$

Conclusions:

I. $W > U$

II. $Z > U$

III. $Z < U$

A. Only conclusion III is true

B. Only conclusions I and III are true

C. Only conclusions I and II are true ✓

D. Only conclusions II and III are true

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Q9 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Fire : Ashes :: Explosion : ?

A. Debris ✓

B. Explosive

C. Flame

D. Sound

Q10 General Intelligence and Reasoning

If south becomes south east and north east becomes north and so on. What will be the south west and west become?

A. South and south west ✓

B. West and east

C. East and north east

D. North and north west

Q11 General Intelligence and Reasoning

Three of the following four of alphabets and numerals have the same relationship between their elements as in the case of the pair PRIVATE : 8734265 and hence form a group. Which of the following does not belong to the group?

A. VIPER : 23857

B. TAPER : 64852 ✓

C. PAVER : 84257

D. PRATE : 87465

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Q12 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Nose

B. Eye

C. Ear

D. Heart ✓

Q13 General Intelligence and Reasoning

Which of these sets of numbers are in continued proportion?

(i) 0.4, 3.6, 3.24

(ii) 7, 21, 63

(iii) 2.4, 9.6, 38.4

A. (ii) only

B. (i) and (ii)

C. (ii) and (iii) ✓

D. (i), (ii) and (iii)

Q14 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

J, P, Q, R, S, T, U and V are 4 married couples sitting in a circle facing the center. The professions of the males within the group are Lecturer, Lawyer, Doctor and Scientist. Among the males R (the Lawyer) and V (the Scientist) are sitting together. Each man is seated beside to his wife. U, the wife of the Lecturer is seated second to the right of V, and T is seated between U and V. P, the wife of the Doctor, is seated to the immediate left of the Lawyer's wife. Q is not the doctor. S is a male, and J is a female.

Who sits between V and J?

A. Q

B. R ✓

C. U

D. T

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Q15 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Six boys—M, N, O, P, Q, R and six girls—U, V, W, X, Y, Z are standing in rows in such a way that each girl faces one boy, not necessarily in the same order. U is to the immediate right of the girl who is facing Q the boy at the extreme right. Only N is between P and Q. R is to the immediate left of M and to the immediate right of O. W is facing M and is to the immediate left of V. Z is third to the left of X.

Which of the following girls is facing P?

A. X

B. Y

C. Z ✓

D. V

Q16 General Intelligence and Reasoning

Find the missing numbers in the following series.

2, 7, 23, (...), 220

A. 72 ✓

B. 46

C. 70

D. 21

Q17 General Intelligence and Reasoning

A watch reads 4:30. If the minute hand points east, in what direction will the hour hand point?

A. South east

B. North west

C. North east ✓

D. North

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Q18 General Intelligence and Reasoning

If '+' means 'x', '-' means '+', 'x' means '÷' and '÷' means '-' , then, 8 x 4 - 6 ÷ 3 + 1 = ?

A. -1

B. 4

C. 2

D. 5 ✓

Q19 General Intelligence and Reasoning

Rahul ranked 16th from the top and 29th from the bottom among those who passed the examination. Six boys did not participate in the examination and five failed. How many boys were there in the class?

A. 40

B. 55 ✓

C. 49

D. 50

Q20 General Intelligence and Reasoning

Arul walks 100 m towards east and then 80 m to his right. Then, every time turning to his left, he walks 50, 150 and 150 m, respectively. How far and in which direction is he now from the starting point?

A. 70 m, south

B. 80 m, north

C. 70 m, north ✓

D. 100 m, north

Q21 General Intelligence and Reasoning

If '+' means 'x', '-' means '+', 'x' means '÷' and '÷' means '-' , then, 3 x 2 + 4 - 2 ÷ 9 = ?

A. 1

B. 3

C. -2

D. -1 ✓

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Q22 General Intelligence and Reasoning

If 351 means 'students like maths'; 197 means 'we are students' and 748 means 'they are parents', what is code for the word 'we'?

A. 1

B. 9 ✓

C. 7

D. 8

Q23 General Intelligence and Reasoning

Which of the following is the greatest?

A. 19/20

B. 15/16

C. 24/25

D. 34/35 ✓

Q24 General Intelligence and Reasoning

How many electrons are there in the outermost shell of carbon?

A. 6

B. 3

C. 4 ✓

D. 5

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Q25 General Intelligence and Reasoning

Choose the pair in which the words show the same relationship as in the pair given below.

Face : Eye

A. Book : Copy

B. Boat : Sky

C. Head : Hair ✓

D. Shirt : Pant

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:
1) All windows are doors.
2) All doors are walls.

Conclusions:
I. All windows are walls.
II. Some doors are windows.

A. Neither conclusion I nor II follows
B. Both conclusions I and II follow ✓
C. Only conclusion I follows
D. Only conclusion II follows

Q2 General Intelligence and Reasoning

In a certain code language, 123 means 'hot filtered coffee'; 356 means 'very hot day' and 589 means 'day and night'. Which digit stands for 'very'?

A. 9
B. 5
C. 8
D. 6 ✓

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Q3 General Intelligence and Reasoning

Value of $\frac{0.33}{0.22} \times \frac{0.1667 \times 0.8333}{0.6667 \times 0.1250}$ is nearly equal to-

A. 2.5 ✓

B. 1.5

C. 3

D. 2

Q4 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) All cows are crows.

2) Some elephants are crows.

Conclusions:

I. All cows are elephants.

II. Some elephants are cows.

A. Both conclusions I and II follow

B. Only conclusion I follows

C. Neither conclusion I nor II follows ✓

D. Only conclusion II follows

Q5 General Intelligence and Reasoning

One day morning, a girl was walking towards sun and then she turned left. Again she took left turn. Which direction was she facing now?

A. South

B. East

C. West ✓

D. North

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Q6 General Intelligence and Reasoning

Walking at 4 mph, a person covers a certain distance in a given time. If he increases his speed to 9 mph, he covers 7.5 miles more in the same time. How much distance does he cover originally?

A. 7.5 miles

B. 5 miles

C. 6 miles ✓

D. 6.5 miles

Q7 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. BO

B. ES ✓

C. CP

D. DQ

Q8 General Intelligence and Reasoning

Compound Interest and Simple Interest on a certain sum of money for 2 years is Rs.282.15 and Rs.270 respectively. The rate of interest is:

A. $6\frac{2}{3}\%$

B. 11%

C. 9% ✓

D. $8\frac{1}{3}\%$

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Q9 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight persons—L, M, N, O, P, Q, R and S are sitting around a circular table facing the center but not necessarily in the same order. Each one of them holds a different post—Manager, Secretary, Chairman, President, Vice President, Group Leader, Financial Advisor and Managing Director.

L sits third to the right of the Managing Director, and only two people sit between the Managing Director and S. The Vice President and the Secretary are immediate neighbours. Neither L nor S is a Vice President or a Secretary. The Vice President is not an immediate neighbour of the Managing Director. The Manager sits second to the left of P. P is not an immediate neighbour of S. The Manager is an immediate neighbour of both the Group Leader and the Financial Advisor. The Financial Advisor sits third to the right of M. M is not the Vice President. N sits to the immediate right of the Chairman. L is not the Chairman. Q is not an immediate neighbour of L. R is not an immediate neighbour of the Manager.

Which of the following posts is held by M in the company?

A. Manager

B. Secretary ✓

C. Chairman

D. Managing Director

Q10 General Intelligence and Reasoning

If '+' means 'x', '-' means '÷', 'x' means '+' and '÷' means '-', then 42 - 6 x 7 + 8 ÷ 9 - 3 = ?

A. 66

B. 19

C. 60 ✓

D. 70

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Q11 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons. In row-1, G, H, I, J, K and L are seated, and all of them are facing south. In row-2, U, V, W, X, Y and Z are seated, and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.
U sits third to the right of X. Neither U nor X sits at the extreme ends. K faces X. L does not face U, and L does not sit at any of the extreme ends. L is not an immediate neighbour of K. V sits at one of the extreme ends. Only two people sit between V and Y. Y does not face L. Two persons sit between I and H. I is not an immediate neighbour of K. W does not face L. G is not an immediate neighbour of I.

G is related to L in the same way as W is related to Z. Y is related to who among the following in the same pattern?

A. U

B. Z

C. V ✓

D. X

Q12 General Intelligence and Reasoning

In a certain code, 'kemp lamp tems' means 'speak the truth', 'bis tim nak' means 'always seek knowledge', 'tim tems sik' means' knowledge is truth' and 'lik bis zap' means 'never seek violence'. Which of the following stands for 'always'?

A. tim

B. zap

C. bis

D. nak ✓

Q13 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. EUFV

B. APBQ

C. GWHX

D. LMNO ✓

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Q14 General Intelligence and Reasoning

Which of the following options will best complete the relationship given below?

9(541)6

7(633)9

4(???)8

A. 123

B. 321 ✓

C. 312

D. 213

Q15 General Intelligence and Reasoning

If 'ADVENTURE' is coded as 'ERUTNEVDA', how is 'GREEN' coded?

A. NEEGR

B. GEREN

C. NEERG ✓

D. ENEGR

Q16 General Intelligence and Reasoning

Sai walks 550 m towards south direction and he then took left and walked 200 m. Again he took left and walked 200 m. Which direction is he now from the starting point?

A. South east ✓

B. West

C. North

D. South

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Q17 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 43

B. 53

C. 63 ✓

D. 73

Q18 General Intelligence and Reasoning

Complete the series.

JE, OJ, SO, VT, (...)

A. RT

B. XY ✓

C. AD

D. LG

Q19 General Intelligence and Reasoning

Find the ODD one out from the given options.

Top

A. 325

B. 145

C. 280 ✓

D. 226

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Q20 General Intelligence and Reasoning

In a family, the father's age is 5 times the age of one of his sons. Mother's age is 4 times the age of their other son. Difference in the parents' ages is half the sum of the sons' ages. Then:

A. They are twins ✓

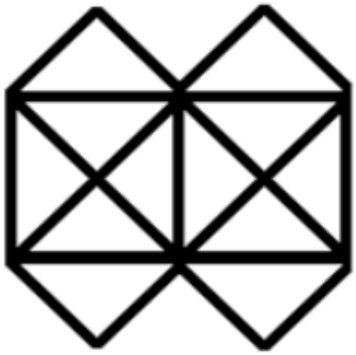
B. The sum of their ages is a multiple of 5

C. The difference in their ages is 5

D. One son is twice as old as the other

Q21 General Intelligence and Reasoning

How many straight lines are there in the given figure?



A. 15

B. 13 ✓

C. 11

D. 21

Q22 General Intelligence and Reasoning

Complete the series.

X, U, R, O, L, (...)

A. J

B. L

C. I ✓

D. K

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Q23 General Intelligence and Reasoning

Which of the following will best complete the relationship given below?

XJ : VO :: HT : ?

A. GY

B. GX

C. FY ✓

D. FX

Q24 General Intelligence and Reasoning

Mark the right statements.

1. The lateral surfaces of a pyramid are triangles with a common vertex.
2. A pyramid is a special case of a prism.
3. Volume of a pyramid = 1/3 x base area x vertical height
4. Volume of a prism = 1/2 base area x height

A. Statement 1 only

B. Statements 1, 3 and 4 only

C. Statements 1, 2 and 3 only

D. Statements 1 and 3 only ✓

Q25 General Intelligence and Reasoning

Varun walked 5 km from point A and turned right two times and walked 8 km respectively facing towards west. Which direction did he start at point A?

A. East ✓

B. South

C. North

D. West

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

'A' started from a place. After walking for 1 km, he turns to the left, then walking for 1/2 km, he again turns left. Now, he is going in the eastward direction. Towards which direction did he originally start?

A. West ✓

B. North

C. South

D. East

Q2 General Intelligence and Reasoning

Which of the following fractions are in descending order?

A. 5/8, 7/12, 3/4, 13/16

B. 7/12, 13/16, 3/4, 5/8

C. 5/8, 7/12, 13/16, 3/4

D. 13/16, 3/4, 5/8, 7/12 ✓

Q3 General Intelligence and Reasoning

If 'CAB' is coded as 'WUV', how is 'DEAF' coded in that language?

A. XWUY

B. UYXZ

C. UWYV

D. XYUZ ✓

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Q4 General Intelligence and Reasoning

Choose the figure that best represents the relationship among the classes given below.
Triangle, Quadrilateral, Square

A. 

B.  ✓

C. 

D. 

Q5 General Intelligence and Reasoning

In this question, three statements are given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:
1) All gases are waters.
2) Some stones are gases.
3) All stones are liquids.

Conclusions:
I. Some waters are stones.
II. Some gases are liquids.
III. No stone is water.

A. Only conclusions I and II follow ✓

B. All conclusions follow

C. Only conclusion III follows

D. Only conclusions I and III follow

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Q6 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Eight friends—Rahul, Mahesh, Priya, Dinesh, Prasad, Praveen, Ramu and Aruna sit in a row having chairs numbered one to eight in ascending order from left to right. They all are facing north direction.
Priya sits on the chair numbered six. There are exactly two persons between Priya and Rahul. Mahesh and Aruna always sit adjacent to each other. Ramu sits adjacent to neither Rahul nor Priya. Prasad never sits on a chair having an odd number on it. Neither Mahesh nor Aruna sits on chair numbered four. There is only one person between Praveen and Mahesh. Prasad sits on the right (not an immediate right) of Dinesh, and Dinesh never sits adjacent to Praveen.

Which of the following pairs sits at the two extreme ends?

A. Aruna and Ramu ✓

B. Mahesh and Praveen

C. Aruna and Dinesh

D. Prasad and Rahul

Q7 General Intelligence and Reasoning

Arjun is seventeenth from the left end of a row of 29 boys and Rahul is seventeenth from the right end in the same row. How many boys are there between them in the row?

A. 4

B. 5

C. 3 ✓

D. 6

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Q8 General Intelligence and Reasoning

Find the missing group of alphabets in the following series.

PTVX, AEGI, (...), WACE, HLNP

A. KNQT

B. LPRT ✓

C. KPQS

D. HKLO

Q9 General Intelligence and Reasoning

If '+' means '-', '-' means '+', 'x' means '÷' and '÷' means 'x' , then which of the given equations is correct?

A. 30 + 5 ÷ 4 - 10 x 5 = 22

B. 30 - 5 + 4 ÷ 10 x 5 = 62

C. 30 + 5 - 4 ÷ 10 x 5 = 58

D. 30 x 5 - 4 ÷ 10 + 5 = 41 ✓

Q10 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. DEB

B. NOL

C. HIF

D. RTP ✓

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Q11 General Intelligence and Reasoning

On a playing ground, Dev, Kumar, Nithish, Arun and Dinesh are standing as described below facing the North.

(i) Kumar is 40 meters to the right of Arun

(ii) Dev is 60 meters to the South of Kumar.

(iii) Nithish is 25 meters to the West of Arun.

(iv) Dinesh is 90 meters to the North of Dev.

Who is to the north east of the person who is to the left of Kumar?

A. Arun

B. Nithish

C. Dinesh ✓

D. Dev

Q12 General Intelligence and Reasoning

If the two words of a scientific name are similar, the name is said to be-

A. Tautonym ✓

B. Antonym

C. Synonym

D. Homonym

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Q13 General Intelligence and Reasoning

In this question, two statements are given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) No soap is tree.

2) All trees are roads.

Conclusions:

I. Some trees are roads.

II. All roads are trees.

III. No road is soap.

A. Only conclusion III follows

B. Only conclusion II follows

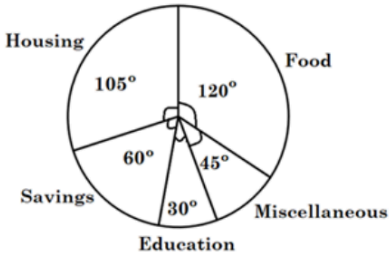
C. Only conclusion I follows ✓

D. All conclusions follow

Q14 General Intelligence and Reasoning

Study the following pie chart and answer the question given below it.

The following pie chart represents the expenditure on various items and savings in a month for a family.



If savings in a month amount to Rs.8000, what is the total expenditure for the month?

A. Rs.40000 ✓

B. Rs.42000

C. Rs.36000

D. Rs.48000

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Q15 General Intelligence and Reasoning

If '+' means 'x', '-' means '+', 'x' means '÷' and '÷' means '-' , then, 9 + 5 + 4 – 4 x 2 = ?

A. -9 ✓

B. 2

C. -3

D. 3

Q16 General Intelligence and Reasoning

The square of a number ends in 4. Then its cube ends in-

A. 8

B. 4

C. 6

D. 2 or 8 ✓

Q17 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Six actors—U, V, W, X, Y and Z are standing in one row and six actress—N, O, P, Q, R, S are standing in another row in such a way that each actress faces one actor, not necessarily in the same order. N is to the immediate right of the actress who is facing Y the actor at the extreme right. Only V is between X and Y. Z is to the immediate left of U and to the immediate right of W. P is facing U and is to the immediate left of O. S is third to the left of Q.

Who among the following is standing between S and R?

A. N ✓

B. P

C. O

D. Q

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Q18 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Light : Blind :: Speech : ?

A. Language

B. Voice

C. Tongue

D. Dumb ✓

Q19 General Intelligence and Reasoning

In this question, a statement is given followed by four conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:
Rome was not built in a day.

Conclusions:
I. The Romans were lazy, they could not work in time.
II. It took about twelve years to build Rome.
III. The Romans did not have sophisticated equipment and infrastructure to build a city like Rome.
IV. It took years of patience, hard work and determination to construct a city like Rome.

A. Only conclusion IV follows ✓

B. Only conclusion II follows

C. Only conclusion III follows

D. Only conclusion I follows

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Q20 General Intelligence and Reasoning

B is to the south west of A, C is to the east of B and south east of A, and D is to the north of C in line with B and A. What is the direction of D with respect to A?

A. North

B. North east ✓

C. South east

D. East

Q21 General Intelligence and Reasoning

In a code, 'EDITION' is written as 'IDETNOI'. How will 'MEDICAL' be written in that code?

A. DIEMCAL

B. DEMILAC ✓

C. CADILEM

D. LACIMED

Q22 General Intelligence and Reasoning

A girl ran from her home towards east direction and took a left turn. Again she turned left and turned right. How many turns she did towards north and west?

A. Three turns ✓

B. One turn

C. Four turns

D. Two turns

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Q23 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. FPILG

B. ISLOJ

C. AKDGB

D. LTOQM ✓

Q24 General Intelligence and Reasoning

Raj walks 10 m north from his house, turns left and walks 25 m, again turns left and walks 40 m, then turns right and walks 5 m to reach the school. In which direction is the school from his house?

A. North west

B. South east

C. North east

D. South west ✓

Q25 General Intelligence and Reasoning

Conditions for two figures to be similar:

1) They are equiangular.
2) Their corresponding sides are proportional.
3) They are congruent.

A. Only 2

B. Both 1 and 2 ✓

C. Only 3

D. Only 1

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

In a school picnic group, 2/9 of the group were adults and there were 95 more number of children than adults. How many children were there?

A. 103

B. 190

C. 95

D. 133 ✓

Q2 General Intelligence and Reasoning

In this question, two statements are given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:
1) Some cars are roads.
2) Some buses are roads.

Conclusions:
I. No bus is a car.
II. Some buses are cars.
III. No road is a bus.

A. All conclusions follow

B. Only conclusion I follows

C. Only conclusions I and II follow

D. Either conclusion I or II follows ✓

Q3 General Intelligence and Reasoning

A two-digit number gets reversed on adding 18 to it. The product of the digits is '8'. What is the number?

A. 18

B. 32

C. 42

D. 24 ✓

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Q4 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Twelve friends are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons. In row-1, I, J, K, L, M and N are seated, and all of them are facing south. In row-2, U, V, W, X, Y and Z are seated, and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.
U sits third to the right of X. Neither U nor X sits at the extreme ends. M faces X. N does not face U, and N does not sit at any of the extreme ends. N is not an immediate neighbour of M. V sits at one of the extreme ends. Only two people sit between V and Y. Y does not face N. Two persons sit between K and J. K is not an immediate neighbour of M. W does not face N. I is not an immediate neighbour of K.

Which of the following pairs sits at the extreme ends of the row?

A. M and N

B. V and Z

C. X and Z

D. I and K ✓

Q5 General Intelligence and Reasoning

Sum of the ages of two sisters is 81. Their ages are in the ratio 4 : 5. By how many years is one sister younger than the other?

A. 9 ✓

B. 18

C. 27

D. 12

Q6 General Intelligence and Reasoning

I walked 10 km from point A towards west and turned right and covered 2 km. Again, I turned right and walked 10 km and reached point B. What is the distance between points A and B and which direction am I facing?

A. 2 km, east ✓

B. 2 km, north

C. 8 km, east

D. 8 km, north

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Q7 General Intelligence and Reasoning

If east becomes south and south becomes west and so on, what will be south west?

A. North west ✓

B. North east

C. North

D. South

Q8 General Intelligence and Reasoning

In the following question, which of the two signs are interchanged to make the equation correct?

5 + 3 x 8 - 12 ÷ 4 = 3

A. ÷ and +

B. ÷ and - ✓

C. + and -

D. x and ÷

Q9 General Intelligence and Reasoning

What is the frequency range of infrasound?

A. Between 20 Hz and 20 kHz

B. Above 20 kHz

C. Below 20 Hz ✓

D. Between 200 Hz and 2000 Hz

Q10 General Intelligence and Reasoning

How many odd days are there in 94 years?

A. 3

B. 5 ✓

C. 0

D. 4

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Q11 General Intelligence and Reasoning

The end digit of the square of a number is 1. Then the end digit of its cube is:

A. 1 only

B. 1 or 9 ✓

C. 9 only

D. Any odd number

Q12 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. Rubber

B. Metal

C. Juice ✓

D. Stone

Q13 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

Five persons—Senthil, Shiva, Praveen, Prakash and Vasanth are sitting on a bench facing north. Senthil is sitting next to Shiva. Prakash is sitting next to Praveen. Prakash is not sitting with Vasanth. Vasanth is on the left end of the bench. Praveen is on the second position from the right. Senthil sits to the right of Shiva. Senthil and Praveen are sitting together.

Who among the following sits second to the right of Shiva?

A. Praveen ✓

B. Senthil

C. Vasanth

D. Prakash

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Q14 General Intelligence and Reasoning

Among the four fractions given below, which one is greater than 7/12 but lesser than 11/16?

A. 3/8

B. 1/2

C. 5/8 ✓

D. 7/8

Q15 General Intelligence and Reasoning

From point P, Akshay starts walking towards east. After walking 30 m, he turns to his right and walks 10 m. He then turns to his right and walks for 30 m. He again turns to his right and walks 30 m. How far and in which direction is he from the point P?

A. Point P itself

B. 20 m, north ✓

C. 20 m, west

D. 10 m, north

Q16 General Intelligence and Reasoning

A watch reads 12 o'clock. If the minute hand points west, in what direction will the hour hand point?

A. West ✓

B. South

C. North

D. East

Q17 General Intelligence and Reasoning

Vinod is richer than Raju. Anand is richer than Ashok but not richer than Raju. Ashok is richer than Sanjay but not richer than Vinod. Who among them is the poorest?

A. Ashok

B. Vinod

C. Raju

D. Sanjay ✓

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Q18 General Intelligence and Reasoning

Find the ODD one out from the given options.

A. 52163

B. 21536

C. 62135

D. 32654 ✓

Q19 General Intelligence and Reasoning

In a certain code language, 'CASUAL' is written as 'FXVRDI'. How would 'PEOPLE' be written in that code language?

A. SHRSOH

B. SBRMPB

C. SBRMOB ✓

D. SBROMB

Q20 General Intelligence and Reasoning

Among A, B, C, D and E, A is taller than only B but shorter than C. C is taller than E. C is not the tallest. Who among them will be in the middle if they stand in the order of their height?

A. A

B. E ✓

C. C

D. B

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Q21 General Intelligence and Reasoning

Find the wrong group of alphabets in the following series.

CMM, EOO, GQQ, IPP, KUU

A. IPP ✓

B. EOO

C. GQQ

D. KUU

Q22 General Intelligence and Reasoning

In this question, two statements are given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:
1) All bricks are buildings.
2) Some bricks are hotels.

Conclusions:
I. Some hotels are buildings.
II. No hotel is building.
III. Some hotels are bricks.

A. Only conclusion I follows

B. None of the conclusions follows

C. Only conclusions I and III follow ✓

D. Only conclusions II and III follow

Q23 General Intelligence and Reasoning

In a certain code language, 'POCKET' is written as 'QNDJFS'. How is 'SILVER' written in that code?

A. THMFUQ

B. TMHUFQ

C. THMUFQ ✓

D. TMHFUQ

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Q24 General Intelligence and Reasoning

If '+' means 'x', '-' means '+', 'x' means '÷' and '÷' means '-' , then 6 - 9 + 8 x 3 ÷ 20 = ?

A. 12

B. 6

C. 10 ✓

D. -2

Q25 General Intelligence and Reasoning

In this question, a statement is given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

$H > K = R \leq J < F$

Conclusions:

I. $R < H$

II. $F > R$

III. $H > J$

A. Only conclusions II and III are true

B. Only conclusion III is true

C. Only conclusions I and III are true

D. Only conclusions I and II are true ✓

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General Intelligence and Reasoning 25 Questions • Answer Key

Q1 General Intelligence and Reasoning

Sri walked 4 km towards east from home to school, and he turned three times right side of 6 km respectively. What is the distance between his home and the school?

A. 4 km

B. 3 km

C. 2 km ✓

D. 1 km

Q2 General Intelligence and Reasoning

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:
1) No car is ball.
2) No ball is table.

Conclusions:
I. No car is table.
II. All tables are cars.

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A. Only conclusion I follows

B. Both conclusions I and II follow

C. Neither conclusion I nor II follows ✓

D. Only conclusion II follows

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Q3 General Intelligence and Reasoning

In a certain code language, 'kew xas huma deko' means 'she is eating apples'; 'kew tepo qua' means 'she sells toys' and 'sul lim deko' means 'I like apples'. Which word in that language means 'she and apples'?

Top

A. kew and lim

B. kew and deko ✓

C. xas and kew

D. xas and deko

Q4 General Intelligence and Reasoning

2/5 of a set of notebooks are sold on the first day. 3/4 of the remaining got sold on the second day. If 75 notebooks remain still, how many notebooks were kept for sale?

A. 750

B. 500 ✓

C. 1000

D. 250

Q5 General Intelligence and Reasoning

The symbol of mole in SI units is-

A. mg

B. g

C. mol ✓

D. kg

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Q6 General Intelligence and Reasoning

Choose the pair which shows the same relationship as in the pair given below.

Earth : Sun

A. Cosmos : Space

B. Moon : Earth ✓

C. Sun : Galaxy

D. Mars : Jupiter

Q7 General Intelligence and Reasoning

A boy starts from his home northward in order to go to a hotel. He took right turn and took left to reach the hotel. Which direction is the hotel facing?

A. South ✓

B. North

C. East

D. West

Q8 General Intelligence and Reasoning

In a row of 21 children facing North, Nitin is third to the right of Sita who is ninth from the right end of the row. What is Nitin's position from the left end?

A. 16th ✓

B. 15th

C. 12th

D. 6th

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Q9 General Intelligence and Reasoning

In this question, three statements are given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:
1) Some houses are chairs.
2) All windows are doors.
3) All houses are windows.

Conclusions:
I. Some doors are windows.
II. Some chairs are houses.
III. Some windows are chairs.

A. All conclusions follow ✓
B. Only conclusion III follows
C. Only conclusion I follows
D. Only conclusion II follows

Q10 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

A, B, C, D, E, F, G and H are playing a game standing in a circle facing outwards. C is neither the neighbour of A nor of G. D is the neighbour of A but not of H. E is the neighbour of H and is third to the right of F. B is the neighbour of F and fourth to the left of D.

Who among the following stands to the immediate right of G?

A. H
B. B
C. F ✓
D. E

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Q11 General Intelligence and Reasoning

Read the following information carefully and answer the question given below.

A, B, C, D, E, F, G and H are 4 married couples sitting in a circle facing the center. The professions of the males within the group are Lecturer, Lawyer, Doctor and Engineer. Among the males D (the Lawyer) and H (the Engineer) are sitting together. Each man is seated beside to his wife. G, the wife of the Lecturer is seated second to the right of H, and F is seated between G and H. B, the wife of the Doctor, is seated to the immediate left of the Lawyer's wife. C is not the doctor. E is a male, and A is a female

Who among the following is the wife of the lawyer?

A. A ✓

B. B

C. F

D. G

Q12 General Intelligence and Reasoning

Find the odd one out from the given options.

A. Ice

B. Water

C. Steam

D. Air ✓

Q13 General Intelligence and Reasoning

To how many carbon atoms is each carbon atom bonded in diamond?

A. Two

B. Three

C. Four ✓

D. Five

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Q14 General Intelligence and Reasoning

If '+' means '-', '-' means 'x' and 'x' means '÷', then 15 - 3 +10 x 5 + 5 = ?

A. 48

B. 5

C. 38 ✓

D. 52

Q15 General Intelligence and Reasoning

The cube of a number ends in 8. Its square should ends in:

A. 6

B. 2

C. 8

D. 4 ✓

Top

Q16 General Intelligence and Reasoning

M.S. Dhoni is the only captain in the world to have won all the _____ major ICC trophies.

A. Six

B. Four

C. Five

D. Three ✓

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Q17 General Intelligence and Reasoning

Arun went 6 m from his home towards south and turned left to cover 8 m. Again he turned left and covered 6 m. He again turned right and covered 4 m. What was the direct distance from his home and which direction was he facing?

A. 10 m, north

B. 12 m, north

C. 10 m, east

D. 12 m, east ✓

Q18 General Intelligence and Reasoning

In this question, three statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:
1) Fishes live in water.
2) Tigers live in land.
3) Amphibians live both in water and on land.

Conclusions:
I. Fishes, amphibians and tigers belong to the same family.
II. Both the amphibians and tigers can live in land.

A. Neither conclusion I nor II follows

B. Only conclusion II follows ✓

C. Both conclusions I and II follow

D. Only conclusion I follows

Q19 General Intelligence and Reasoning

Selvam is on 9th position from upwards and on 38th position from downwards in a class. How many students are in class?

A. 46 ✓

B. 47

C. 45

D. 48

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Q20 General Intelligence and Reasoning

Complete the series.

18, 21, 24, 27, (...)

A. 32

B. 30 ✓

C. 31

D. 29

Q21 General Intelligence and Reasoning

Lalit walks 9 km east, turns left and walks another 8 km. He again takes a left and walks another 3 km. How far and in which direction is he now from his starting point?

A. 14 km, south east

B. 12 km, north west

C. 8 km, south west

D. 10 km, north east ✓

Q22 General Intelligence and Reasoning

Complete the series.

HIG, KLJ, NOM, (...)

A. QRP ✓

B. QRS

C. RPQ

D. PQR

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Q23 General Intelligence and Reasoning

In the following question, which of the two signs are interchanged to make the equation correct?

3 ÷ 5 x 8 + 2 - 10 = 13

A. ÷ and -

B. ÷ and + ✓

C. + and -

D. x and ÷

Q24 General Intelligence and Reasoning

In a certain code, 'GROWTH' is written as 'HQPVUG' and 'FOUR' is written as 'GNVQ'. How is 'PROBLEMS' written in that code?

A. QQPAKDNR

B. QQNCMDNR

C. OQPAMDNR

D. QQPAMDNR ✓

Q25 General Intelligence and Reasoning

Which word will best complete the relationship given below?

Horse : Hoof :: Cat : ?

A. Leg

B. Hand

C. Tail

D. Paw ✓

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