



RRB JE 2024 CBT-1

Junior Engineer, DMS, CMA · CEN 03/2024 · CBT-1 · General Intelligence and Reasoning ·
Question Paper

Kannada

All 9 Shifts (Sets) · General Intelligence and Reasoning Section · Official Answer Key

About this Compilation

This booklet contains all **9 shift papers** of the **RRB JE 2024 CBT-1** examination in **Kannada** (General Intelligence and Reasoning section only), with the correct option marked as per the official answer key.

✓ Correct option (highlighted green)

Sections. The JE CBT-1 paper is not divided into sections and the saved paper carries no section labels. In this book the questions of every shift are grouped by subject (Mathematics, General Intelligence and Reasoning, General Awareness, General Science), assigned from our topic tags, so the section counts may differ slightly from the notified pattern.

207 of these 221 questions are shown in English. RRB did not release them in Kannada to any candidate whose response sheet we could reach, so the official English version is printed instead and marked with an **ENGLISH** chip. Nothing here is machine translated.

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

ಕೆಳಗಿನ ಪ್ರಶ್ನೆಯಲ್ಲಿ ಕೊಟ್ಟಿರುವ ತ್ರಿವಳಿಗಳು ಯಾವ ರೀತಿಯ ಸಂಬಂಧವನ್ನು ಹೊಂದಿವೆಯೋ, ಅದೇ ರೀತಿಯ ಸಂಬಂಧವನ್ನು ಹೊಂದಿರುವ ತ್ರಿವಳಿಯನ್ನು ಕೊಟ್ಟಿರುವ ಆಯ್ಕೆಗಳಿಂದ ಆರಿಸಿ.

LIFE - IFEL - FELI

CALM - ALMC - LMCA

A. MUGS - UGSM - GSMU



B. FLIP - LIFP - FPLI

C. LAST - TLAS - STLA

D. HUNT - HTUN - HNTU

Q2 General Intelligence and Reasoning

ಒಂದು ವಿಶಿಷ್ಟ ಸಂಕೇತ ಭಾಷೆಯಲ್ಲಿ, 'soldier protect country' ಅನ್ನು 'lu mh na' ಎಂದು ಸಂಕೇತಿಸಲಾಗಿದೆ, 'entrepreneur prosper country' ಅನ್ನು 'na ki tu' ಎಂದು ಸಂಕೇತಿಸಲಾಗಿದೆ ಮತ್ತು 'soldier entrepreneur vital' ಅನ್ನು 'mh tu sy' ಎಂದು ಸಂಕೇತಿಸಲಾಗಿದೆ. ಹಾಗಾದರೆ ಅದೇ ಭಾಷೆಯಲ್ಲಿ 'country vital' ನ ಸಂಭಾವ್ಯ ಸಂಕೇತ ಯಾವುದು?

A. na sy



B. mh na

C. sy ki

D. tu na

Q3 General Intelligence and Reasoning

ಒಂದು ವಿಶಿಷ್ಟ ಸಂಕೇತ ಭಾಷೆಯಲ್ಲಿ, 'house fire gas' ಅನ್ನು 'dy ph mt' ಎಂದು ಸಂಕೇತಿಸಲಾಗಿದೆ, 'pressure gas station' ಅನ್ನು 'lp ph st' ಎಂದು ಸಂಕೇತಿಸಲಾಗಿದೆ, 'station house farm' ಅನ್ನು 'st bq dy' ಎಂದು ಸಂಕೇತಿಸಲಾಗಿದೆ. ಹಾಗಾದರೆ ಅದೇ ಭಾಷೆಯಲ್ಲಿ 'gas' ನ ಸಂಕೇತ ಯಾವುದು? (ಸೂಚನೆ: ಎಲ್ಲಾ ಸಂಕೇತಗಳು ಕೇವಲ ಎರಡು ಅಕ್ಷರಗಳ ಸಂಕೇತಗಳಾಗಿವೆ.)

A. ph



B. mt

C. lp

D. st

Q4 General Intelligence and Reasoning **ENGLISH**

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

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

37.4, 34.6

45, 42.2

A. 32.9, 29.1

B. 69, 66.2



C. 21.5, 17.7

D. 58, 56.2

Q5 General Intelligence and Reasoning

ಕೆಳಗಿನ ಸಂಖ್ಯೆ ಮತ್ತು ಸಂಕೇತ ಸರಣಿಯನ್ನು ಅವಲೋಕಿಸಿ ಮತ್ತು ಈ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗೆ ಉತ್ತರಿಸಿ.
ಎಣಿಕೆಯನ್ನು ಎಡದಿಂದ ಬಲಕ್ಕೆ ಮಾತ್ರ ಮಾಡಬೇಕು.

(ಎಡ) \$ 7 @ 6 = & 5 Ω 4 > # 8 & % 9 1 * £ 3 (ಬಲ)

ತನ್ನ ತಕ್ಷಣದ ಹಿಂದೆಯೂ ಒಂದು ಸಂಖ್ಯೆಯನ್ನು ಹೊಂದಿರುವಂತಹ ಮತ್ತು ತನ್ನ ತಕ್ಷಣದ ಮುಂದೆಯೂ ಇನ್ನೊಂದು ಸಂಖ್ಯೆಯನ್ನು ಹೊಂದಿರುವಂತಹ ಸಂಕೇತಗಳು ಎಷ್ಟಿವೆ?

A. ಮೂರು

B. ಒಂದು

C. ಎರಡು



D. ನಾಲ್ಕು



Q6 General Intelligence and Reasoning

ಹೃತಿಕ್ ಅವರು ತನ್ನ ತರಗತಿಯಲ್ಲಿ ಕೆಳಗಿನಿಂದ 20 ನೇ ಸ್ಥಾನ ಮತ್ತು ಮೇಲಿನಿಂದ 30 ನೇ ಸ್ಥಾನ ಪಡೆದಿದ್ದಾರೆ. ಹಾಗಾದರೆ ಅವರ ತರಗತಿಯಲ್ಲಿ ಎಷ್ಟು ವಿದ್ಯಾರ್ಥಿಗಳಿದ್ದಾರೆ?

A. 45

B. 34

C. 47

D. 49

**Q7 General Intelligence and Reasoning**

ಇಂಗ್ಲಿಷ್ ವರ್ಣಮಾಲೆಯ ಕ್ರಮವನ್ನು ಆಧರಿಸಿ, ಈ ಕೆಳಗಿನ ನಾಲ್ಕು ಅಕ್ಷರಗಳ ಗುಚ್ಛ ಜೋಡಿಗಳ ಪೈಕಿ ಮೂರು ಅಕ್ಷರ ಗುಚ್ಛಗಳು ಒಂದು ವಿಶಿಷ್ಟ ರೀತಿಯಲ್ಲಿ ಸದೃಶವಾಗಿದೆ. ಮತ್ತು ಹೀಗಾಗಿ ಅವು ಒಂದೇ ಗುಂಪಿಗೆ ಸೇರುತ್ತವೆ. ಈ ಕೆಳಗಿನ ಯಾವ ಅಕ್ಷರ ಗುಚ್ಛವು ಆ ಗುಂಪಿಗೆ ಸೇರುವುದಿಲ್ಲ?

(ಗಮನಿಸಿ: ಗುಂಪಿಗೆ ಸೇರದ ಅಕ್ಷರ ಗುಚ್ಛವು ಅದರಲ್ಲಿನ ವ್ಯಂಜನಗಳು/ ಸ್ವರಗಳ ಸಂಖ್ಯೆ ಅಥವಾ ಅಕ್ಷರ ಗುಚ್ಛದಲ್ಲಿನ ಅವುಗಳ ಸ್ಥಾನಗಳನ್ನು ಆಧರಿಸಿಲ್ಲ)

A. HKQU

B. TWCG

C. RUAF



D. CFLP

Q8 General Intelligence and Reasoning **ENGLISH**

Kamal starts from Point A and drives 17 km towards south. He then takes a left turn, drives 13 km, turns left and drives 21 km. He then takes a left turn and drives 18 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 5 km to the east



B. 3 km to the east

C. 6 km to the east

D. 4 km to the east

Q9 General Intelligence and Reasoning **ENGLISH**

Refer to the following number and symbol series and answer the question that follows. (Counting to be done from left to right only.)

(Left) @ 2 # 2 4 3 = % 8 * 1 8 @ \$ 4 ! 6 4 3 * 8 = (Right)
How many such numbers are there, each of which is immediately preceded by and also immediately followed by a symbol?

A. One

B. Five

C. Three

D. Four

**Q10 General Intelligence and Reasoning**

ಈ ಕೆಳಗಿನ ಯಾವ ಅಕ್ಷರ ಗುಚ್ಛವನ್ನು # ಮತ್ತು % ಜಾಗದಲ್ಲಿ ಹಾಕಿದಾಗ :: ಎಡಭಾಗದಲ್ಲಿರುವ ಅಕ್ಷರ ಗುಚ್ಛ ಜೋಡಿಯು ಹೊಂದಿರುವ ಮಾದರಿ ಮತ್ತು ಸಂಬಂಧವನ್ನೇ :: ಬಲಭಾಗದಲ್ಲಿರುವ ಅಕ್ಷರ ಗುಚ್ಛ ಜೋಡಿಯು ಹೊಂದಿರುತ್ತದೆ?

: OKR :: XTA : %

A. # = KGN, % = FXE

B. # = KGN, % = BXP

C. # = KLN, % = BXE

D. # = KGN, % = BXE

**Q11 General Intelligence and Reasoning** **ENGLISH**

B, C, D, F and H have different marks. Only one person has scored between C and D. Only one person has scored between H and D. F has scored less than C and D. How many people have scored less than B?

A. Four

B. Two

C. Three



D. One



Q12 General Intelligence and Reasoning

ಈ ಕೆಳಗೆ ಒಂದು ಪ್ರಶ್ನೆಯನ್ನು ನೀಡಲಾಗಿದೆ ಮತ್ತು ಅದರ ನಂತರ (I) ಮತ್ತು (II) ಎಂದು ಸಂಖ್ಯೆಗಳನ್ನು ನೀಡಿದ ಎರಡು ಹೇಳಿಕೆಗಳನ್ನು ನೀಡಲಾಗಿದೆ. ಈ ಪ್ರಶ್ನೆಗೆ ಉತ್ತರಿಸಲು ಯಾವ ಹೇಳಿಕೆಗಳು ಸಾಕಾಗುತ್ತದೆ/ವೆ ಎಂಬುದನ್ನು ಗುರುತಿಸಿ. ಎರಡೂ ಹೇಳಿಕೆಗಳನ್ನು ಓದಿ ಮತ್ತು ಸೂಕ್ತ ಉತ್ತರ ಯಾವುದೆಂದು ನಿರ್ಧರಿಸಿ.

ಪ್ರಶ್ನೆ:

S, T, U, V ಮತ್ತು W ಎಂಬ ಐದು ಜನ ಸ್ನೇಹಿತರು ಬೇರೆ ಬೇರೆ ವಯಸ್ಸಿನವರು. ಅವರಲ್ಲಿ ಎರಡನೆ ಅತ್ಯಂತ ಹಿರಿಯ ವ್ಯಕ್ತಿ ಯಾರು?

ಹೇಳಿಕೆಗಳು:

- (I) W ಅವರು T ಗಿಂತ ಕಿರಿಯರು. W ಅವರು U ಗಿಂತ ಹಿರಿಯರು.
(II) T ಅವರು ಅತ್ಯಂತ ಹಿರಿಯರು. ಒಬ್ಬರು ಮಾತ್ರ V ಗಿಂತ ಕಿರಿಯರು.

A. ಪ್ರಶ್ನೆಗೆ ಉತ್ತರಿಸಲು ಹೇಳಿಕೆ I ರಲ್ಲಿನ ಮಾಹಿತಿಯೊಂದೇ ಸಾಕಾಗುತ್ತದೆ, ಆದರೆ ಹೇಳಿಕೆ II ರಲ್ಲಿನ ಮಾಹಿತಿ ಸಾಕಾಗುವುದಿಲ್ಲ.

B. ಪ್ರಶ್ನೆಗೆ ಉತ್ತರಿಸಲು ಹೇಳಿಕೆ I ಮತ್ತು II ರಲ್ಲಿರುವ ಒಟ್ಟು ಮಾಹಿತಿಗಳು ಸಾಕಾಗುವುದಿಲ್ಲ.

C. ಪ್ರಶ್ನೆಗೆ ಉತ್ತರಿಸಲು ಹೇಳಿಕೆ I ಮತ್ತು II ರಲ್ಲಿನ ಒಟ್ಟಾರೆ ಮಾಹಿತಿಗಳು ಸಾಕಾಗುತ್ತದೆ.

D. ಪ್ರಶ್ನೆಗೆ ಉತ್ತರಿಸಲು ಹೇಳಿಕೆ II ರಲ್ಲಿನ ಮಾಹಿತಿಯೊಂದೇ ಸಾಕಾಗುತ್ತದೆ, ಆದರೆ ಹೇಳಿಕೆ I ರಲ್ಲಿನ ಮಾಹಿತಿ ಸಾಕಾಗುವುದಿಲ್ಲ. ✓

Q13 General Intelligence and Reasoning

ಇಂಗ್ಲಿಷ್ ವರ್ಣಮಾಲೆಯ ಕ್ರಮವನ್ನು ಅಧರಿಸಿ, ಈ ಕೆಳಗಿನ ನಾಲ್ಕರ ಪೈಕಿ ಮೂರು ಒಂದು ವಿಶಿಷ್ಟ ರೀತಿಯಲ್ಲಿ ಸದೃಶವಾಗಿದ್ದು ಒಂದೇ ಗುಂಪಿಗೆ ಸೇರುತ್ತವೆ. ಈ ಕೆಳಗಿನ ಯಾವುದು ಆ ಗುಂಪಿಗೆ ಸೇರುವುದಿಲ್ಲ? (ಗಮನಿಸಿ: ಗುಂಪಿಗೆ ಸೇರದ ಅಕ್ಷರ ಗುಚ್ಛವು ಅದರಲ್ಲಿನ ವ್ಯಂಜನಗಳು/ಸ್ವರಗಳ ಸಂಖ್ಯೆ ಅಥವಾ ಅಕ್ಷರ ಗುಚ್ಛದಲ್ಲಿನ ಅವುಗಳ ಸ್ಥಾನಗಳನ್ನು ಅಧರಿಸಿಲ್ಲ)

A. NKL

B. ZWX

C. VST

D. FHD ✓

Q14 General Intelligence and Reasoning

ಈ ಕೆಳಗೆ ನೀಡಿರುವ ಸರಣಿಯಲ್ಲಿ ಪ್ರಶ್ನಾರ್ಥಕ ಚಿಹ್ನೆಯ (?) ಜಾಗದಲ್ಲಿ ಯಾವುದು ಬರಬೇಕು?

17 22 37 62 97 ?

A. 137

B. 140

C. 142 ✓

D. 148

Q15 General Intelligence and Reasoning ENGLISH

If in a code language, If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', then the resultant of which of the following would be 55?

A. 16 C 112 D 63 A 77 B 31

B. 16 A 112 B 63 C 77 D 31 ✓

C. 16 D 112 A 63 C 77 B 31

D. 16 B 112 C 63 A 77 D 31

Q16 General Intelligence and Reasoning ENGLISH

Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

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

16 – 17 – 21 – 30; 13 – 14 – 18 – 27

A. 24 – 25 – 29 – 42

B. 11 – 12 – 16 – 18

C. 15 – 16 – 20 – 26

D. 22 – 23 – 27 – 36 ✓

Q17 General Intelligence and Reasoning ENGLISH

Select the term from among the given options that can replace the question mark (?) in the following series.

OJH 20, MHF 25, KFD 35, IDB 55, GBZ 95, ?

A. EXS 175

B. YXS 175

C. EZX 175 ✓

D. EXO 175



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Q18 General Intelligence and Reasoning

ಇಂಗ್ಲಿಷ್ ವರ್ಣಮಾಲೆಯ ಕ್ರಮದ ಆಧಾರದ ಮೇಲೆ ಈ ಕೆಳಗಿನ ಸರಣಿಯಲ್ಲಿರುವ ಪ್ರಶ್ನಾರ್ಥಕ ಚಿಹ್ನೆಯ (?) ಜಾಗಕ್ಕೆ ಯಾವುದು ಸರಿಹೊಂದುತ್ತದೆ?

ONL AZX MLJ YXV ?

A. JKH

B. KHJ

C. KJH



D. JHK

Q19 General Intelligence and Reasoning

ಈ ಕೆಳಗೆ ನೀಡಿರುವ ಸರಣಿಯಲ್ಲಿ ಪ್ರಶ್ನಾರ್ಥಕ ಚಿಹ್ನೆಯ (?) ಜಾಗದಲ್ಲಿ ಯಾವುದು ಬರುತ್ತದೆ?

1 13 28 46 67 ?

A. 92

B. 90

C. 93

D. 91

**Q20 General Intelligence and Reasoning** **ENGLISH**

SKIB is related to OGNB in a certain way based on the English alphabetical order. In the same way, CUCV is related to YQHA. To which of the following options is QIRK related, following the same logic?

A. MEPW

B. MEWP



C. MWEF

D. MWPE

Q21 General Intelligence and Reasoning

ಆರು ಜನ ವಿದ್ಯಾರ್ಥಿಗಳು ಒಂದು ವೃತ್ತಕಾರದ ಮೇಜಿನ ಸುತ್ತಲೂ ಮೇಜಿನ ಮಧ್ಯಭಾಗಕ್ಕೆ ಮುಖ ಮಾಡಿ ಕುಳಿತಿದ್ದಾರೆ. L ಅವರು J ಮತ್ತು H ಇವರಿಬ್ಬರಿಗೂ ತಕ್ಷಣದ ನೆರೆಹೊರೆಯವರಾಗಿದ್ದಾರೆ. I ಅವರು J ಅವರ ಎಡಕ್ಕೆ ಎರಡನೇ ಸ್ಥಾನದಲ್ಲಿ ಕುಳಿತಿದ್ದಾರೆ. K ಅವರು H ಅವರ ಬಲಕ್ಕೆ ಮೂರನೇ ಸ್ಥಾನದಲ್ಲಿ ಕುಳಿತಿದ್ದಾರೆ. G ಅವರು I ಮತ್ತು H ಇವರಿಬ್ಬರಿಗೂ ತಕ್ಷಣದ ನೆರೆಹೊರೆಯವರಾಗಿದ್ದಾರೆ. ಹಾಗಾದರೆ G ಅವರಿಂದ ಆರಂಭಿಸಿ (G ಅವರನ್ನೂ ಸೇರಿಸಿಕೊಂಡು) ಈ ಎಲ್ಲಾ ವ್ಯಕ್ತಿಗಳನ್ನು ಗಡಿಯಾರದ ಚಲನೆಯ ದಿಕ್ಕಿನ ಪ್ರಕಾರ ಇಂಗ್ಲಿಷ್ ವರ್ಣಮಾಲೆಯ ಕ್ರಮದಲ್ಲಿ ಕೂರಿಸಿದರೆ, ಎಷ್ಟು ಜನರ ಸ್ಥಾನಗಳು ಬದಲಾಗದೆ ಹಾಗೆಯೇ ಇರುತ್ತವೆ?

A. ಒಂದು

B. ಎರಡು

C. ಮೂರು

D. ನಾಲ್ಕು

**Q22 General Intelligence and Reasoning** **ENGLISH**

Seven boxes, D, E, F, R, S, T and U, are kept one over the other but not necessarily in the same order. U is kept immediately above T. E is kept immediately above D. Only F is kept above S. Only two boxes are kept above U. E is not kept at third position from the bottom. How many boxes are kept between R and F?

A. Four

B. Two

C. Three



D. One

Q23 General Intelligence and Reasoning

ಒಂದು ವೇಳೆ 'A' ಎಂದರೆ '+', 'B' ಎಂದರೆ 'x', 'C' ಎಂದರೆ '+' ಮತ್ತು 'D' ಎಂದರೆ '-' ಆಗಿದ್ದರೆ, ಕೆಳಗಿನ ಸಮೀಕರಣದಲ್ಲಿ ಪ್ರಶ್ನಾರ್ಥಕ ಚಿಹ್ನೆಯ (?) ಸ್ಥಾನಕ್ಕೆ ಯಾವ ಸಂಖ್ಯೆ ಬರುತ್ತದೆ?

93 D 7 B 5 C (69 A 3) C 26 = ?

A. 75

B. 122

C. 93

D. 107

**Q24 General Intelligence and Reasoning** **ENGLISH**

P is the sister of Q's brother R. S is the husband of Q and T is the son of S. How is P related to T?

A. Mother's sister



B. Mother's mother

C. Mother

D. Sister

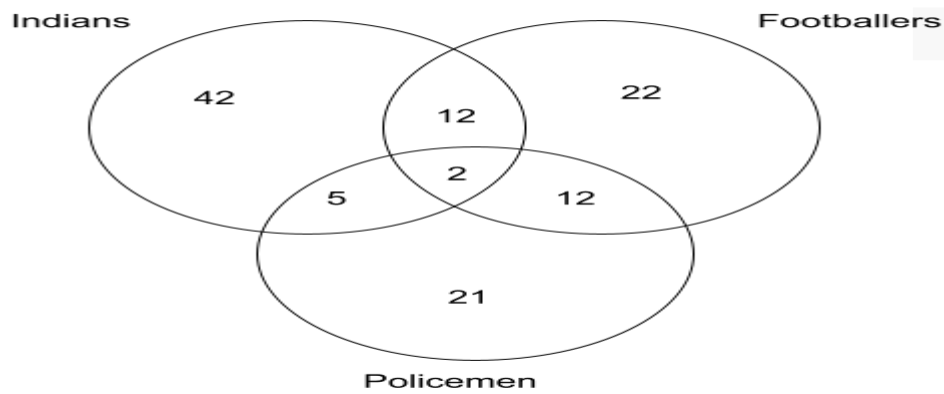


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Q25 General Intelligence and Reasoning **ENGLISH**

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



How many such policemen exist that are also Indians and footballers?

A. 5

B. 2

C. 12

D. 3



General Intelligence and Reasoning

24 Questions • Answer Key

Q1 General Intelligence and Reasoning ENGLISH

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All ovals are bins. No bin is a car. No bin is a plum.

Conclusions:

(I): No oval is a car.

(II): Some plums are cars.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (I) follows. ✓

C. Only conclusion (II) follows.

D. Neither conclusion (I) nor (II) follows.

Q2 General Intelligence and Reasoning ENGLISH

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

VCF PWZ JQT DKN ?

A. EHX

B. XEH ✓

C. XHE

D. EXH

Q3 General Intelligence and Reasoning ENGLISH

Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

OHA MFY KDW IBU ?

A. GZS ✓

B. GSZ

C. SGZ

D. SZG

Q4 General Intelligence and Reasoning ENGLISH

Pratap starts from Point A and drives 16 km towards south. He then takes a right turn, drives 13 km, turns right and drives 18 km. He then takes a right turn and drives 18 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 6 km to the west

B. 3 km to the west

C. 7 km to the west

D. 5 km to the west ✓

Q5 General Intelligence and Reasoning ENGLISH

If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then what will be come in place of the question mark (?) in the following equation?

13 D 32 C 36 B 49 A 49 = ?

A. 19

B. 15

C. 18

D. 17 ✓

Q6 General Intelligence and Reasoning ENGLISH

Refer to the given number, symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 5 ^ 5 + % 5 6 \$ 2 3 * 6 + 3 & 4 ? \$ # 6 1 2 3 & 6 3 % @ (Right)

How many such symbols are there each of which is immediately preceded by a number and immediately followed by another symbol?

A. 4

B. 1

C. 3 ✓

D. 2



Q7 General Intelligence and Reasoning ENGLISH

What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and '+' and 'x' are interchanged?

$$10 + 52 - 13 \times 4 \div 18 = ?$$

A. 19

B. 26 ☒

C. 22

D. 24

Q8 General Intelligence and Reasoning ENGLISH

A question is given, followed by two statements labelled I and II. Identify which of the statements is/are sufficient to answer the question.

A, B, C, D and E are sitting in a straight line facing north. Who sits on the extreme left end?

(I) Exactly 2 people sit between A and E.

(II) Exactly 2 people sit between B and C.

Both Statements I and II put together (and not

A. independently) are sufficient to answer the question.

Data in Statement I alone is sufficient to answer

B. the question, while data in Statement II alone is not.

C. Both Statements I and II put together are not sufficient to answer the question. ☒

D. Data in Statement II alone is sufficient to answer the question, while data in Statement I alone is not.

Q9 General Intelligence and Reasoning ENGLISH

L is brother of K. Q is married to N. Z is mother of L. N is daughter of Z. P is wife of K. How is Q related to K?

A. Sister's husband ☒

B. Mother's father

C. Father's brother

D. Brother

Q10 General Intelligence and Reasoning ENGLISH

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) $6 \$ < 8 1^{\wedge} 3 * 2 @ 7 \# 4 \& 5 \% @ 9$ (Right)

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

A. 2 ☒

B. 7

C. 4

D. 5

Q11 General Intelligence and Reasoning ENGLISH

In a certain code language, 'PLOT' is coded as '9137' and 'LIFE' is coded as '4872'. What is the code for 'L' in the given code language?

A. 7 ☒

B. 1

C. 4

D. 3

Q12 General Intelligence and Reasoning ENGLISH

Select the letter-cluster pair that best represents a similar relationship to the one expressed in the pairs of letter-clusters given below.

OQP : PTO

VWV : WZU

A. HFN : IIM ☒

B. NEO : OHL

C. KND : LQF

D. QEK : RHI

Q13 General Intelligence and Reasoning ENGLISH

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: DHJ :: BFH : %

A. # = JNP, % = VZB ☒

B. # = JNP, % = WZB

C. # = KNP, % = VZB

D. # = JNP, % = VZO



Q14 General Intelligence and Reasoning **ENGLISH**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. CJSX

B. BIRW

C. JQZF



D. UBKP

Q15 General Intelligence and Reasoning **ENGLISH**

Select the letter-cluster pair that best represents a similar relationship to the one expressed in the pairs of letter-clusters given below.

NGJ : OJE

MHK : NKF

A. XHJ : YKF

B. KNI : LQD



C. JJK : KME

D. LMO : MOJ

Q16 General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series?

18 49 18 45 18 41 18 ?

A. 31

B. 34

C. 37



D. 29

Q17 General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series?

180 131 90 57 32 ?

A. 22

B. 20

C. 17

D. 15

**Q18** General Intelligence and Reasoning **ENGLISH**

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. E lives on an even numbered floor but not 6. The sum of floors on which A and E live is 7. F lives immediately above B. The sum of floors on which E and D live is 3. How many people live between A and D?

A. 1

B. 2

C. 3



D. 4

Q19 General Intelligence and Reasoning **ENGLISH**

L, K, M, N, O and P are sitting around a circular table facing the centre. L sits fourth to the right of O. M sits second to the left of L. N is not the immediate neighbour of M. K sits second to the right of N. How many people are sitting between P and N, when counted from the left of N?

A. None

B. One



C. Two

D. Three

Q20 General Intelligence and Reasoning **ENGLISH**

A, B, C, D, E, F and G live on seven different floors of the same building. The lowermost floor on the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 7. C lives on the sixth floor. Only three people live between C and F. A lives on an even numbered floor. D lives on one of the floors below B but immediately above F. E lives on one of the floors above C. Who lives on the lowermost floor?

A. G



B. F

C. E

D. B



Q21 General Intelligence and Reasoning **ENGLISH**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. NJ – SO



B. VQ – ZU

C. GB – KF

D. MH – QL

Q22 General Intelligence and Reasoning **ENGLISH**

In a certain code, 'silence gold words' is coded as 'nu mh ke', 'gold is precious' is coded as 'mh bi py' and 'silence is calm' is coded as 'nu py gh'. What is the possible code for 'gold silence' in that language?

A. mh nu



B. nu ke

C. bi ke

D. mh bi

Q23 General Intelligence and Reasoning **ENGLISH**

Select the option in which the numbers share the same relationship as that shared by the given pairs of numbers.

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

18, 111

13, 81

A. 15, 93



B. 19, 114

C. 12, 69

D. 17, 104

Q24 General Intelligence and Reasoning **ENGLISH**

Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

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

12, 113

15, 140

A. 14, 126

B. 8, 67

C. 17, 136

D. 11, 104



General Intelligence and Reasoning

24 Questions • Answer Key

Q1 General Intelligence and Reasoning ENGLISH

7 is related to 9.8 following a certain logic. Following the same logic, 11 is related to 15.4. To which of the given options is 9 related, following the same logic?

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

A. 13.8

B. 12.4

C. 12.6



D. 11.6

Q2 General Intelligence and Reasoning ENGLISH

A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the most appropriate answer.

Question:

Five friends, P, Q, R, S and T, are sitting around a circular table facing the centre. Who is sitting second to the left of T?

Statements:

(I) S sits second to the right of P. T sits to the immediate left of P.

(II) Only one person sits between Q and R. P sits to the immediate left of R.

A. Data in statements I and II together are not sufficient to answer the question.

B. Data in statements I and II together are sufficient to answer the question.

C. Data in statement I alone is sufficient to answer the question while data in statement II is not.



D. Data in statement II alone is sufficient to answer the question while data in statement I is not.

Q3 General Intelligence and Reasoning ENGLISH

What should come in place of the question mark (?) in the given series?

29 11 29 15 29 19 29 23 29 ?

A. 31

B. 25

C. 29

D. 27



Q4 General Intelligence and Reasoning ENGLISH

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. SV-ZF

B. FI-NS



C. VY-CI

D. HK-OU

Q5 General Intelligence and Reasoning ENGLISH

Refer to the given number, symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 3 \$ 7 5 & 6 % 3 \$ # 9 @) 7 + 6 ? > ? 4 7 5 \$

(Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by another symbol?

A. 5



B. 4

C. 6

D. 7



Q6 General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series?

305 251 206 170 143 ?

A. 130

B. 125



C. 120

D. 115

Q7 General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GNK IPM KRO MTQ ?

A. OUS

B. OUR

C. OVR

D. OVS

**Q8** General Intelligence and Reasoning **ENGLISH**

P is the son of Q's brother R. S is the wife of Q and T is the son of S. How is P related to S?

A. Father's brother

B. Brother's son

C. Father's brother's son



D. Father's son

Q9 General Intelligence and Reasoning **ENGLISH**

B, C, D, F and H have different marks. Only one person has scored between B and D. Only three people have scored between H and B. No one has scored between F and B and F's score is more than B's score. How many people have scored less than C?

A. Two

B. Three



C. Four

D. One

Q10 General Intelligence and Reasoning **ENGLISH**

Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

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

6-36-46-92; 7-49-59-118

A. 5-25-35-70



B. 4-16-26-62

C. 3-9-29-58

D. 8-64-74-138

Q11 General Intelligence and Reasoning **ENGLISH**

In a certain code language, 'fast and furious' is coded as 'bo li ke', 'quick is furious' is coded as 'ke ra ng' and 'fast but quick' is coded as 'ng li ty'. What is the code for 'furious' in that language?

A. bo

B. ra

C. li

D. ke

**Q12** General Intelligence and Reasoning **ENGLISH**

S, T, U, V, W, X and Y are sitting around a circular table facing the centre. S sits fourth to the left of W. T sits second to the right of S. V is neither the immediate neighbour of T nor S. X sits third to the right of V. Y is not the immediate neighbour of W. How many people are sitting between S and T, when counted from the left of S?

A. Four



B. Three

C. Two

D. One



Q13 General Intelligence and Reasoning **ENGLISH**

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

$$51 - 8 \div 2 + 6 \times 2 = ?$$

A. 70

B. 66

C. 64



D. 71

Q14 General Intelligence and Reasoning **ENGLISH**

Select the letter-cluster pair that best represents a similar relationship to the one expressed in the pairs of letter-clusters given below.

DMO : HPM

LIF : PLD

A. VFP : ZIN



B. RKY : VNV

C. ENZ : IQY

D. NEL : RGJ

Q15 General Intelligence and Reasoning **ENGLISH**

Three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that does NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their positions in the letter-cluster.)

A. NK - GD

B. RV - KJ



C. TQ - MJ

D. ZW - SP

Q16 General Intelligence and Reasoning **ENGLISH**

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: IBX :: HAW : %

A. # = FYU, % = NDZ

B. # = FYU, % = KDZ



C. # = FUU, % = KDZ

D. # = FYU, % = KDO

Q17 General Intelligence and Reasoning **ENGLISH**

In a certain code,
'floor door room' is coded as 'bn la mt',
'door chair table' is coded as 'wd bn ka' and
'chair room window' is coded as 'ka bz la'.
All the codes are two-letter code only.

What is room coded as?

A. bz

B. ka

C. la



D. bn

Q18 General Intelligence and Reasoning **ENGLISH**

In a row of people all facing north, Shakshi is 11th from the left end. Ravi is 12th from the left end. Ravi is exactly between Shakshi and Ron. If Ron is 14th from the right end of the row, how many people are there in the row?

A. 25

B. 26



C. 27

D. 28



Q19 General Intelligence and Reasoning **ENGLISH**

Q, R, S, T, U and V live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. S lives on the third floor. Only two people live between S and U. R lives on one of the floors below U but immediately above Q. Q does not live on the fourth floor. V lives on an odd numbered floor. How many people live between T and Q?

- A. Four
- B. Three
- C. Two
- D. One

Q20 General Intelligence and Reasoning **ENGLISH**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(Left) 7 % > 9 2 & 4 < 3 # 8 \$ 5 * 6 ^ # 1 (Right)
If all the symbols are dropped from the series, which of the following will be third from the left?

- A. 2
- B. 4
- C. 3
- D. 8

Q21 General Intelligence and Reasoning **ENGLISH**

Select the option in which the triads share the same relationship as that shared by the given triads.

HAND - ANDH - NDHA
BIRD - IRDB - RDBI

- A. ROSE - OSER - SERO
- B. FROG - ROGF - ROFG
- C. CUBE - CEBU - BUEC
- D. DUCK - CKDU - CUKD

Q22 General Intelligence and Reasoning **ENGLISH**

Keshav starts from Point A and drives 22 km towards the South. He then takes a left turn, drives 24 km, turns left and drives 27 km. He then takes a left turn and drives 25 km. He takes a final left turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)

- A. 3 km to the east
- B. 4 km to the east
- C. 1 km to the east
- D. 2 km to the east

Q23 General Intelligence and Reasoning **ENGLISH**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

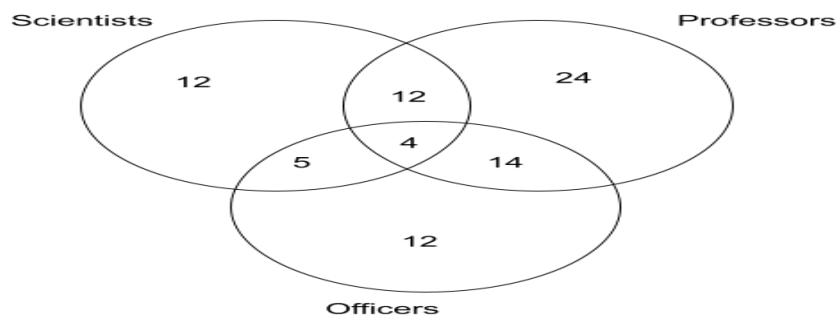
QTW 13, MPS 19, ILO 25, EHK 31, ADG 37, ?

- A. WZC 47
- B. ZZC 43
- C. WGC 43
- D. WZC 43



Q24 General Intelligence and Reasoning **ENGLISH**

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



How many such officers exist that are also scientists but not professors?

A. 12

B. 16

C. 4

D. 5



General Intelligence and Reasoning

23 Questions • Answer Key

Q1 General Intelligence and Reasoning ENGLISH

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: RXT :: FLH : %

A. # = OGT, % = IKH

B. # = GHT, % = INY

C. # = OUQ, % = IOK

D. # = OUP, % = KIU

Q2 General Intelligence and Reasoning ENGLISH

Anmol starts from Point A and drives 23 km towards the west. He then takes a right turn, drives 27 km, turns right and drives 29 km. He then takes a right turn and drives 32 km. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 4 km to the north

B. 6 km to the north

C. 5 km to the north

D. 3 km to the north

Q3 General Intelligence and Reasoning ENGLISH

Three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that does NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their positions in the letter-cluster.)

A. OF - NG

B. CT - AU

C. SJ - QK

D. HY - FZ

Q4 General Intelligence and Reasoning ENGLISH

In a certain code language,
'A + B' means 'A is the son of B',
'A - B' means 'A is the brother of B',
'A × B' means 'A is the wife of B' and
'A % B' means 'A is the father of B'.

How is S related to H if 'S × D + F % G - H'?

A. Daughter

B. Brother's daughter

C. Wife

D. Brother's wife

Q5 General Intelligence and Reasoning ENGLISH

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

$26 + 43 - 32 \times 23 \div 46 = ?$

A. 45

B. 47

C. 49

D. 48

Q6 General Intelligence and Reasoning ENGLISH

In a certain code language, 'batter ball six' is coded as 'lo ka di', 'bowler ball wicket' is coded as 'ka mi th' and 'batter cricket bowler' is coded as 'lo th qy'. What is the possible code for 'cricket ball' in that language?

A. ka th

B. ka qy

C. th lo

D. qy lo



Q7 General Intelligence and Reasoning **ENGLISH**

In a row of 38 students facing north, Sunil is 20th from the left end. If Harsh is 10th to the right of Sunil, what is Harsh's position from the right end of the row?

A. 6th

B. 7th

C. 8th

D. 9th

**Q8** General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series?

19 30 52 96 184 ?

A. 360



B. 362

C. 361

D. 359

Q9 General Intelligence and Reasoning **ENGLISH**

Select the option in which the triads share the same relationship as that shared by the given triads.

JINX - JXIN - JNXI

COZY - CYOZ - CZYO

A. EVIL - EIVL - ELIV

B. FAIR - FARI - FIAR

C. DRUG - DGUR - DUGR

D. JAWS - JSAW - JWSA

**Q10** General Intelligence and Reasoning **ENGLISH**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All plums are lamps. Some lamps are ants. All ants are meats.

Conclusions:

(I): All meats are lamps.

(II): Some meats are plums.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (I) follows.

C. Only conclusion (II) follows.

D. Neither conclusion (I) nor (II) follows.

**Q11** General Intelligence and Reasoning **ENGLISH**

Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

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

8-24-72-216; 6-18-54-162

A. 9-27-81-343

B. 7-21-63-189



C. 11-33-99-287

D. 12-36-108-216



Q12 General Intelligence and Reasoning **ENGLISH**

This question is based on five, four-digit numbers given below.

(Example- 6970 – First digit = 6, second digit = 9, third digit = 7 and fourth digit=0)

2314 7651 3245 9072 8062

How many numbers are there wherein the sum of first and second digits is equal to the sum of third and fourth digits?

A. Three



B. Two

C. Four

D. One

Q13 General Intelligence and Reasoning **ENGLISH**

18 is related to 62 following a certain logic. Following the same logic, 22 is related to 78. To which of the given options is 15 related to, following the same logic?

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

A. 45

B. 50



C. 55

D. 60

Q14 General Intelligence and Reasoning **ENGLISH**

A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the most appropriate answer.

Question:

Five trees, S, M, N, O and A, are of different heights. Which among them is the tallest tree?

Statements:

(I) N is taller than A. A is taller than M.

(II) S is taller than M. S is shorter than O.

A. Data in statement II alone is sufficient to answer the question while data in statement I is not.

B. Data in statement I alone is sufficient to answer the question while data in statement II is not.

C. Data in statements I and II together are sufficient to answer the question.

D. Data in statements I and II together are not sufficient to answer the question.

**Q15** General Intelligence and Reasoning **ENGLISH**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

NTZ 14, KQW 23, HNT 32, EKQ 41, BHN 50, ?

A. YEK 58

B. ZEK 59

C. YKK 59

D. YEK 59

**Q16** General Intelligence and Reasoning **ENGLISH**

Seven boxes, R, S, T, U, X, Y and Z, are kept one over the other but not necessarily in the same order. Only T is kept above X. Only Z is kept between X and Y. Only U is kept below R. How many boxes are kept between S and U?

A. Four

B. Three

C. Two

D. One



Q17 General Intelligence and Reasoning **ENGLISH**

In a certain code, 'air water land' is coded as 'dy ph mt', 'fire land ice' is coded as 'lp ph st', and 'water fire grass' is coded as 'st bq dy'. What is the code for 'land' in that language?

(Note: All the codes are two letter coded only.)

A. st

B. dy

C. mt

D. ph

**Q18** General Intelligence and Reasoning **ENGLISH**

Seven people, B, D, E, F, P, Q and R, are sitting in a row, facing north. No one sits to the left of E. Only four people sit between E and R. Only three people sit to the right of D. F sits to the immediate left of B. P is not an immediate neighbour of D.

Who sits third to the left of P?

A. R

B. B

C. D



D. F

Q19 General Intelligence and Reasoning **ENGLISH**

Refer to the following number, symbol series and answer the question. Counting to be done from left to right only.

(Left) € \$ 7 1 5 * 9 % 2 £ 5 \$ 6 £ € 8 8 4 6 £ % 8 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

A. 5

B. 3

C. 4



D. 6

Q20 General Intelligence and Reasoning **ENGLISH**

Three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that does NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their positions in the letter-cluster.)

A. LO - KN

B. FD - LK



C. FI - EH

D. QT - PS

Q21 General Intelligence and Reasoning **ENGLISH**

Select the term from among the given options that can replace the question mark (?) in the following series.

PKI 23, MHF 31, JEC 47, GBZ 79, DYW 143, ?

A. AVT 270

B. AVT 271



C. AYT 271

D. UVT 271

Q22 General Intelligence and Reasoning **ENGLISH**

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: ZWP :: FCV : %

A. # = VSL, % = JGO

B. # = VSL, % = JGZ



C. # = USL, % = JGZ

D. # = VSU, % = JGZ

Q23 General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series?

136 117 122 103 108 89 ?

A. 108

B. 94



C. 70

D. 84



General Intelligence and Reasoning

25 Questions • Answer Key

Q1 General Intelligence and Reasoning ENGLISH

What should come in place of the question mark (?) in the given series?

78 79 83 92 108 ?

A. 133



B. 132

C. 135

D. 134

Q2 General Intelligence and Reasoning ENGLISH

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

TUR FGD RSP DEB ?

A. NPQ

B. PQN



C. PNQ

D. NQP

Q3 General Intelligence and Reasoning ENGLISH

Each of D, E, F, K, L, M and N has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.

N has exam on Thursday. L has an exam two days before N. Only four people have exams between F and L. M has an exam on one of the days after L. D has an exam on the day immediately before E.

How many people have exams between E and M?

A. Two



B. Four

C. Three

D. One

Q4 General Intelligence and Reasoning ENGLISH

If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will be come in place of the question mark (?) in the following equation?

30 C 48 D 36 B 50 A 20 = ?

A. -14

B. -10

C. -12



D. -11

Q5 General Intelligence and Reasoning ENGLISH

GJBF is related to ILDH in a certain way based on the English alphabetical order. In the same way, JMEI is related to LOGK. To which of the following is MPHL related, following the same logic?

A. ORNJ

B. RONJ

C. ORJN



D. ROJN

Q6 General Intelligence and Reasoning ENGLISH

This question is based on the five, four-digit numbers given below.

(Left) 5479 3126 6785 9254 1630 (Right)

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

NOTE: All the operations to be performed from left to right.

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

A. 12

B. 8



C. 14

D. 10



Q7 General Intelligence and Reasoning ENGLISH

If 'x' means 'addition', '+' means 'subtraction', '-' means 'division' and '÷' means 'multiplication', then what will come in place of the question mark (?) in the following equation?

$$14 + 1 \div 7 \times 32 - 8 = ?$$

A. 12

B. 11



C. 14

D. 13

Q8 General Intelligence and Reasoning ENGLISH

What should come in place of the question mark (?) in the given series?

160 151 141 130 118 ?

A. 105



B. 101

C. 95

D. 91

Q9 General Intelligence and Reasoning ENGLISH

In a row of 25 students facing north, Manoj is 15th from the right end. If Harish is 10th to the left of Manoj, what is Harish's position from the left end of the row?

A. 1stB. 2ndC. 3rdD. 4th**Q10 General Intelligence and Reasoning** ENGLISH

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FMK HOM JQO LSQ ?

A. NUR

B. NVR

C. NUS



D. NVS

Q11 General Intelligence and Reasoning ENGLISH

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. KSV A

B. ENPU



C. CKNS

D. HPSX

Q12 General Intelligence and Reasoning ENGLISH

P, Q, R, S, T and U are sitting around a circular table facing the centre. U sits third to the left of T. R sits second to the right of Q. Q is not the immediate neighbour of T. P is not the immediate neighbour of R. Who sits third to the left of Q?

A. P

B. T

C. S



D. U

Q13 General Intelligence and Reasoning ENGLISH

In a certain code language,
'hat tie watch' is coded as 'zm ph mt',
'belt bow tie' is coded as 'la oe zm',
'bow watch clip' is coded as 'oe mt dy'.
What is the code for 'hat' in that language? (Note: All the codes are two-letter coded only.)

A. mt

B. zm

C. oe

D. ph

**Q14 General Intelligence and Reasoning** ENGLISH

P is the daughter of Q's sister R. S is the wife of Q and T is the son of S. How is P related to T?

A. Sister's daughter

B. Father's daughter

C. Father's mother

D. Father's sister's daughter



Q15 General Intelligence and Reasoning **ENGLISH**

Refer to the following number, symbol series and answer the question. Counting to be done from left to right only.

(Left) 3 8 9 5 £ 6 3 @ 3 % @ 7 * 1 # 2 6 9 2 7 & £ (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

A. 5

B. 4

C. 3

D. 6

Q16 General Intelligence and Reasoning **ENGLISH**

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: DGJ :: EHK : %

A. # = MZC, % = LOR

B. # = WZC, % = LOP

C. # = WZC, % = LOR

D. # = WXC, % = LOR

Q17 General Intelligence and Reasoning **ENGLISH**

A question is given, followed by two statements labelled I and II. Identify which of the statements is/are sufficient to answer the question.

Q. A, B, C, D and E are sitting in a straight line facing north. Who sits on the extreme left end?

(I) A sits fourth to the right of E.

(II) Exactly 1 person sits between B and C.

A. Data in Statement I alone is sufficient to answer the question, while data in Statement II is not.

B. Both Statements I and II put together are not sufficient to answer the question.

C. Data in Statement II alone is sufficient to answer the question, while data in Statement I is not.

D. Both Statements I and II put together (and not independently) are sufficient to answer the question.

Q18 General Intelligence and Reasoning **ENGLISH**

KL91 is related to CD66 in a certain way. In the same way, MN81 is related to EF56. To which of the following is OP71 related, following the same logic?

A. GH56

B. GH46

C. HG46

D. HG56

Q19 General Intelligence and Reasoning **ENGLISH**

15 is related to 35 following a certain logic. Following the same logic, 21 is related to 49. To which of the given options is 27 related, following the same logic?

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

A. 63

B. 69

C. 65

D. 51

Q20 General Intelligence and Reasoning **ENGLISH**

B, C, E, F and H have different heights. B is taller than C. Only E is shorter than F. H is taller than B. How many people are taller than C?

A. Four

B. One

C. Three

D. Two



Q21 General Intelligence and Reasoning **ENGLISH**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. MO – RT

B. DF – IK

C. JL – OQ

D. VW – XZ

**Q22** General Intelligence and Reasoning **ENGLISH**

In a certain code,

'red blue green' is coded as 'dy ph mt',

'blue violet black' is coded as 'lp ph st' and

'black red white' is coded as 'st bq dy'.

All the codes are two-letter codes only.

What is white coded as?

A. bq



B. dy

C. st

D. ph

Q23 General Intelligence and Reasoning **ENGLISH**

Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

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

12-60-120-130; 14-70-140-150

A. 11-55-110-130

B. 13-65-130-120

C. 15-75-150-140

D. 16-80-160-170

**Q24** General Intelligence and Reasoning **ENGLISH**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All waters are liquids.

All liquids are juices.

All juices are fruits.

Conclusions:

(I) All waters are fruits.

(II) Some fruits are liquids.

A. Only conclusion (I) follows.

B. Both conclusions (I) and (II) follow.



C. Neither conclusion (I) nor (II) follows.

D. Only conclusion (II) follows.

Q25 General Intelligence and Reasoning **ENGLISH**

Manur starts from Point A and drives 12 km towards the East. He then takes a right turn, drives 11 km, turns right and drives 13 km. He then takes a right turn and drives 17 km. He takes a final right turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)

A. 3 km to the South

B. 2 km to the South

C. 5 km to the South

D. 6 km to the South



General Intelligence and Reasoning

25 Questions • Answer Key

Q1 General Intelligence and Reasoning ENGLISH

A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the most appropriate answer.

Question:

Five boxes, V, W, X, Y and Z, have different weights. Which box among them is the second heaviest?

Statements:

- (I) Y is heavier than W. Only three boxes are lighter than Z.
(II) X is heavier than W. X is heavier than V.

Data in statement I alone is sufficient to

- A. answer the question while data in statement II is not. ✓

- B. Data in statements I and II together are not sufficient to answer the question.

- C. Data in statements I and II together are sufficient to answer the question.

- D. Data in statement II alone is sufficient to answer the question while data in statement I is not.

Q2 General Intelligence and Reasoning ENGLISH

In a certain code language,
'actor singer dancer' is coded as 'ma ph st',
'dancer doctor engineer' is coded as 'cd le ma' and
'engineer actor cricketer' is coded as 'st bq cd'.
(All the codes are two-letter codes only.)
What is the code for 'actor' in that language?

- A. st ✓

- B. ma

- C. cd

- D. bq

Q3 General Intelligence and Reasoning ENGLISH

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. CM-JL

- B. LV-TU ✓

- C. OY-VX

- D. GQ-NP

Q4 General Intelligence and Reasoning ENGLISH

Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. SWV

- B. DGF ✓

- C. OSR

- D. HLK

Q5 General Intelligence and Reasoning ENGLISH

Select the letter-cluster pair that best represents a similar relationship to the one expressed in the pairs of letter-clusters given below.

WJT : ZNO

KAK : NEF

- A. NKH : QOC ✓

- B. LBL : OEG

- C. MTK : PXG

- D. TFV : WJR



Q6 General Intelligence and Reasoning ENGLISH

Mayank starts from Point A and drives 18 km towards east. He then takes a right turn, drives 19 km, turns right and drives 21 km. He then takes a right turn and drives 25 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 5 km to the south

B. 6 km to the south

C. 8 km to the south

D. 4 km to the south

Q7 General Intelligence and Reasoning ENGLISH

Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CYU XTP SOK NJF ?

A. ERT

B. EAI

C. IEA

D. IAI

Q8 General Intelligence and Reasoning ENGLISH

In a certain code, 'copy book pencil' is coded as 'fd rl sg', 'pencil crayon eraser' is coded as 'bz xw rl', and 'crayon copy pen' is coded as 'xw sg xo'. What is the code for 'book' in that language?

(Note: All the codes are two letter coded only.)

A. rl

B. xo

C. sg

D. fd

Q9 General Intelligence and Reasoning ENGLISH

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

$$17 + 9 - 3 \times 3 \div 7 = ?$$

A. 49

B. 40

C. 43

D. 47

Q10 General Intelligence and Reasoning ENGLISH

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: All hens are juices. Some juices are nests. All pins are nests.

Conclusions:

(I): Some pins are hens.

(II): Some pins are juices

A. Only conclusion (II) follows.

B. Neither conclusion (I) nor (II) follows.

C. Only conclusion (I) follows.

D. Both conclusions (I) and (II) follow.

Q11 General Intelligence and Reasoning ENGLISH

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

$$11 + 37 - 5 \times 40 \div 24 = ?$$

A. -23

B. -25

C. -21

D. -22



Q12 General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FDW LJC RPI XVO ?

- A. BUD
- B. DUB
- C. BDU
- D. DBU

**Q13** General Intelligence and Reasoning **ENGLISH**

Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

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

6-18-72-102; 8-20-80-110

- A. 7-19-76-106
- B. 11-22-88-116
- C. 4-16-64-84
- D. 9-21-84-94

**Q14** General Intelligence and Reasoning **ENGLISH**

YT21 is related to TO19 in a certain way based on the English alphabetical order. In the same way, PL17 is related to KG15. To which of the following is KF13 related, following the same logic?

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

- A. FA11
- B. FO11
- C. AE11
- D. FT17

**Q15** General Intelligence and Reasoning **ENGLISH**

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: GJM :: FIL : %

- A. # = XAD, % = ORU
- B. # = XAD, % = ORP
- C. # = XAD, % = MRU
- D. # = YAD, % = ORU

**Q16** General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series?

68 76 86 98 112 ?

- A. 122
- B. 125
- C. 128
- D. 132



Q17 General Intelligence and Reasoning ENGLISH

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor is numbered 6.

Only four people live between D and F. C lives on an even numbered floor but not on floor number 2. E lives immediately below A but above D.

How many people live below B?

A. Four

B. Three

C. One

D. Two

Q18 General Intelligence and Reasoning ENGLISH

O, P, Q, R, S and T are sitting around a circular table facing the centre. P sits second to the left of T. Q is the immediate neighbour of P and R. S is not the immediate neighbour of R. Who sits to the immediate left of R?

A. S

B. Q

C. O

D. T

Q19 General Intelligence and Reasoning ENGLISH

Select the option in which the numbers share the same relationship as that shared by the given pairs of numbers.

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

185, 113

170, 98

A. 165, 103

B. 112, 50

C. 146, 74

D. 136, 62

Q20 General Intelligence and Reasoning ENGLISH

Refer to the given number, symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 6 # 1 * 8 & 7 & 5 4 Ω 3 % 9 6 @ 2 \$ 9 £ 3 (Right)

How many such symbols are there each of which is immediately preceded by an odd number but NOT immediately followed by an even number?

A. One

B. Two

C. Three

D. Four

Q21 General Intelligence and Reasoning ENGLISH

In a certain code language,

'A + B' means 'A is the son of B',

'A – B' means 'A is the brother of B',

'A × B' means 'A is the wife of B' and

'A ÷ B' means 'A is the father of B'.

How is S related to H if 'S – D + F ÷ G × H'?

A. Brother

B. Father

C. Wife's Brother

D. Wife's Father

Q22 General Intelligence and Reasoning ENGLISH

Seven boxes, I, J, K, L, W, X and Y, are kept one over the other but not necessarily in the same order. Only K is kept above L. Only two boxes are kept between W and J. Only L is kept below I. J is not kept immediately below Y. How many boxes are kept between X and L?

A. Two

B. Four

C. Three

D. One



Q23 General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series?

86 78 64 56 42 34 ?

A. 20



B. 22

C. 26

D. 28

Q24 General Intelligence and Reasoning **ENGLISH**

Refer to the following number and symbol series and answer the question that follows. (Counting to be done from left to right only.)

(Left) 2 @ 4 + = 3 1 # 3 @ \$ 9 8 * 9 4 2 8 7 6 5 (Right)

How many such symbols are there, each of which is immediately preceded by and also immediately followed by a number?

A. One

B. Four

C. Three



D. Two

Q25 General Intelligence and Reasoning **ENGLISH**

$\frac{(a^9 \times b^3 \times c^6)}{(a^{10} \times b^6 \times c^3)}$ in simplified form is:

A. $(a^{-1}) \times (b^{-3}) \times (c^3)$



B. $(a^1) \times (b^1) \times (c^5)$

C. $(a^{-7}) \times (b^{-9}) \times (c^4)$

D. $(a^1) \times (b^6) \times (c^{-9})$



General Intelligence and Reasoning

25 Questions • Answer Key

Q1 General Intelligence and Reasoning ENGLISH

If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 8436152, then what will be the difference between the last and the first digits from the left in the number thus formed?

A. 3

B. 5

C. 4

D. 6



Q2 General Intelligence and Reasoning ENGLISH

Select the letter-cluster pair that best represents a similar relationship to the one expressed in the pairs of letter-clusters given below.

NCG : SFF

SQO : XTN

A. REV : WHW

B. IUD : NXA

C. MKY : RNX



D. QHX : VKV

Q3 General Intelligence and Reasoning ENGLISH

Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

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

19-57-114-134; 21-63-126-146

A. 17-51-102-112

B. 18-54-108-118

C. 16-48-96-116



D. 20-60-120-180

Q4 General Intelligence and Reasoning ENGLISH

A, B, C, D, E, F and G are sitting around a circular table facing the centre. B sits third to the right of F. D sits fourth to the left of B. C is neither the immediate neighbour of B nor D. A sits third to the right of C. E is not the immediate neighbour of D. How many people sit between E and G, when counted from the left of E?

A. None

B. One

C. Two

D. Three



Q5 General Intelligence and Reasoning ENGLISH

B is the father of A. C is the brother of A. D is the wife of C and E is the son of D. How is B related to E?

A. Father's father



B. Father's brother

C. Father

D. Brother



Q6 General Intelligence and Reasoning ENGLISH

Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.

Q has the exam on Saturday. Only four people have exams after U. R has the exam immediately before T but not on Monday. S has the exam after P but before U. How many people have exams between R and V?

- A. Four
- B. Five
- C. Two
- D. Three

Q7 General Intelligence and Reasoning ENGLISH

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

$$34 \div 33 \times 22 + 19 - 40 = ?$$

- A. 70
- B. 72
- C. 73
- D. 74

Q8 General Intelligence and Reasoning ENGLISH

B, C, E, F and H have different heights. B is taller than C but shorter than H. H is taller than E but shorter than F. E is taller than C but shorter than B.

How many people are shorter than B?

- A. One
- B. Three
- C. Four
- D. Two

Q9 General Intelligence and Reasoning ENGLISH

Tapan starts from Point A and drives 8 km towards the south. He then takes a right turn, drives 5 km, turns right and drives 12 km. He then takes a right turn and drives 9 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

- A. 7 km to the west
- B. 6 km to the west
- C. 5 km to the west
- D. 4 km to the west

Q10 General Intelligence and Reasoning ENGLISH

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

FIS38, RUE70, DGQ102, PSC134, ?

- A. BOE166
- B. BOW165
- C. BEO166
- D. BOQ166

Q11 General Intelligence and Reasoning ENGLISH

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

JCF25, KDG34, LEH43, MFI52, ?

- A. NGJ61
- B. NGI60
- C. NGJ60
- D. NGI61



Q12 General Intelligence and Reasoning **ENGLISH**

In a certain code language,
'fan light door' is coded as 'dy ph mt',
'door window mat' is coded as 'lp ph st',
'mat fan glass' is coded as 'st bq dy'.
What is the code for 'fan' in that language? (Note: All the codes are two-letter coded only.)

A. mt

B. bq

C. dy



D. ph

Q13 General Intelligence and Reasoning **ENGLISH**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. OSBG

B. WAIO



C. GKTY

D. MQZE

Q14 General Intelligence and Reasoning **ENGLISH**

In a certain code language, 'guns and roses' is coded as 'li mh ca', 'for the roses' is coded as 'mh bo ph' and 'guns for colours' is coded as 'ca bo qu'. What is the code for 'roses' in that language?

A. li

B. mh



C. ca

D. bo

Q15 General Intelligence and Reasoning **ENGLISH**

Refer to the following number, symbol series and answer the question. Counting to be done from left to right only.

(Left) 9 8 & & © € % 8 \$ 9 8 2 # 5 2 7 7 1 5 £ € % (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

A. 3

B. 2

C. 1



D. 0

Q16 General Intelligence and Reasoning **ENGLISH**

RUON is related to VYSR in a certain way based on the English alphabetical order. In the same way, HKED is related to LOIH. To which of the given options is TWQP related, following the same logic?

A. XATU

B. AXTU

C. XAUT



D. AXUT

Q17 General Intelligence and Reasoning **ENGLISH**

A question is given, followed by two statements labelled I and II. Identify which of the statements is/are sufficient to answer the question.

Five people, A, B, C, D and E, have different weights each. Who is the heaviest?

(I) A is heavier than C but lighter than D.

(II) B is not the heaviest and E is not the lightest.

Both Statements I and II put together (and not independently) are sufficient to answer the question.

B. Data in Statement I alone is sufficient to answer the question, while data in Statement II is not.

C. Data in Statement II alone is sufficient to answer the question, while data in Statement I is not.

D. Both Statements I and II put together are not sufficient to answer the question.



Q18 General Intelligence and Reasoning **ENGLISH**

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

(Left) 473 987 324 529 648 (Right)

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

NOTE: All the operations to be performed from left to right.

The position of how many numbers will remain unchanged if all these numbers are arranged in ascending order?

A. None



B. Two

C. One

D. Three

Q19 General Intelligence and Reasoning **ENGLISH**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that DOES NOT belong to that group?

A. IG – LJ

B. TR – XV



C. EC – HF

D. MK – PN

Q20 General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series?

18 24 34 40 50 ?

A. 55

B. 57

C. 58

D. 56



Q21 General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series?

64 61.7 59.4 57.1 ? 52.5

A. 54.8



B. 53.1

C. 55.4

D. 56.7

Q22 General Intelligence and Reasoning **ENGLISH**

Seven boxes, E, F, G, H, T, U and V, are kept one over the other, but not necessarily in the same order. Only two boxes are kept below E. Only one box is kept above T. Only one box is kept between T and U. G is kept immediately below F. V is kept at some place below H. How many boxes are kept between H and F?

A. One

B. Three

C. Four



D. Two

Q23 General Intelligence and Reasoning **ENGLISH**

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: GOK :: HPL : %

A. # = EMJ, % = JRN

B. # = EMI, % = JSN

C. # = EMI, % = JRN



D. # = EMI, % = JRM



Q24 General Intelligence and Reasoning **ENGLISH**

Select the option in which the numbers share the same relationship as that shared by the given pairs of numbers.

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

96, 12

184, 23

A. 130, 16

B. 144, 18



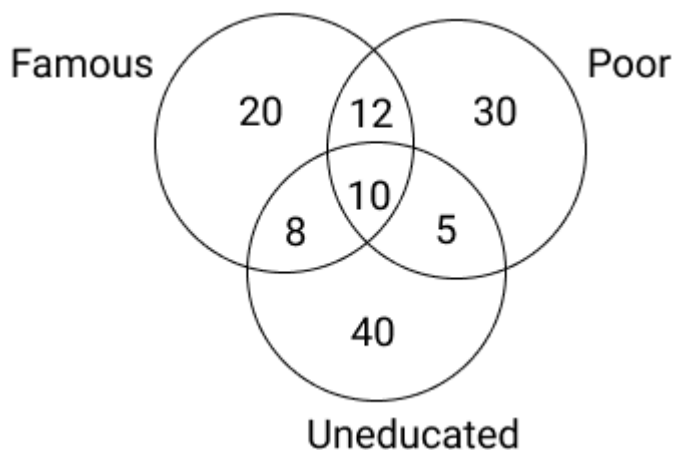
C. 156, 19

D. 180, 20

Q25 General Intelligence and Reasoning **ENGLISH**

Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of persons. How many persons are both poor and uneducated but not famous ?

(NOTE: You have to take the given data to be true even if they seem to be at variance from commonly known facts.)



A. 12

B. 30

C. 5



D. 8



General Intelligence and Reasoning

25 Questions • Answer Key

Q1 General Intelligence and Reasoning ENGLISH

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: UOK :: HBX : %

A. # = TJF, % = MGC

B. # = PJF, % = NGC

C. # = PJF, % = MGO

D. # = PJF, % = MGC



Q2 General Intelligence and Reasoning ENGLISH

119 is related to 205 following a certain logic. Following the same logic, 145 is related to 231. To which of the given options is 132 related, following the same logic?

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

A. 228

B. 215

C. 221

D. 218



Q3 General Intelligence and Reasoning ENGLISH

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. GM – DJ

B. EK – BH

C. QW – NT

D. TY – PU



Q4 General Intelligence and Reasoning ENGLISH

Seven people, B, D, E, F, P, Q and R, are sitting in a row, facing north. Only three people sit between R and E. F sits to the immediate left of E. No one sits to the right of B. Only two people sit between B and F. P sits to the immediate right of Q.

How many people sit between D and P?

A. Two



B. Four

C. Three

D. One

Q5 General Intelligence and Reasoning ENGLISH

What should come in place of the question mark (?) in the given series?

4 24 120 480 ? 2880

A. 1440



B. 1080

C. 1220

D. 1360

Q6 General Intelligence and Reasoning ENGLISH

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 5 # * 7 9 % 2 & 1 > 6 @ 3 ^ 4 \$ > 8 (Right)

How many such number are there which are immediately preceded by a number and also immediately followed by another number?

A. 0



B. 1

C. 2

D. 3



Q7 General Intelligence and Reasoning ENGLISH

What should come in place of the question mark (?) in the given series?

29 38 51 68 89 ?

A. 115

B. 114



C. 113

D. 116

Q8 General Intelligence and Reasoning ENGLISH

Seven boxes, A, B, C, D, X, Y and Z, are kept one over the other but not necessarily in the same order. Only three boxes are kept above B. Only one box is kept between C and B. Only three boxes are kept between C and Y. Y is kept at some place above B. Z is kept immediately below Y. A is kept at one of the places above X. D is not kept immediately above or below C. Which box is kept at the lowermost position?

A. B

B. C

C. X



D. Z

Q9 General Intelligence and Reasoning ENGLISH

B, C, E, F and H have different heights. Only C is taller than B. E is taller than H. Only two people have heights between F and C. How many people have heights between H and B?

A. Two



B. Three

C. Four

D. One

Q10 General Intelligence and Reasoning ENGLISH

Pankaj starts from Point A and drives 12 km towards east. He then takes a left turn, drives 18 km, turns left and drives 19 km. He then takes a left turn and drives 21 km. He takes a final left turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 4 km to the north

B. 1 km to the north

C. 5 km to the north

D. 3 km to the north

**Q11 General Intelligence and Reasoning** ENGLISH

A question is given, followed by two statements labelled I and II. Identify which of the statements is/are sufficient to answer the question.

A, B, C, D and E are sitting in a straight line facing north. Who sits on the extreme left end?

(I) D sits second to the right of C.

(II) Exactly two people sit between B and D.

A. Both Statements I and II put together are not sufficient to answer the question.



B. Both Statements I and II put together (and not independently) are sufficient to answer the question.

C. Data in Statement II alone is sufficient to answer the question, while data in Statement I is not.

D. Data in Statement I alone is sufficient to answer the question, while data in Statement II is not.

Q12 General Intelligence and Reasoning ENGLISH

Refer to the given number, symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) \$ 7 & 4 2 & % 4 6 @ 8 Ω 9 # 6 * £ 5 = 2 (Right)

How many such symbols are there each of which is immediately preceded by an odd number and immediately followed by an even number?

A. One

B. Four

C. Two

D. Three



Q13 General Intelligence and Reasoning **ENGLISH**

G, H, I, J, K, L and M live on seven different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 7. H lives on an even numbered floor but not on the second floor. Only three people live between H and M. J lives on one of the floors below H but immediately above M. G lives on one of floors below J. Only three people live between G and K. L lives on one of the floors above J but below I. Who lives on the fifth floor?

A. L

B. H

C. K



D. M

Q14 General Intelligence and Reasoning **ENGLISH**

In a certain code language,
'pillow blanket bed' is coded as 'ma ph st',
'bed window door' is coded as 'cd le ma' and
'door pillow wall' is coded as 'st bq cd'.
(All the codes are two-letter codes only.)
What is the code for 'wall' in that language?

A. st

B. cd

C. bq



D. le

Q15 General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GUY ZNR SGK LZD ?

A. EWS

B. ESW



C. SWE

D. SEW

Q16 General Intelligence and Reasoning **ENGLISH**

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

$$58 + (36 \times 4) \div 3 + 6 \times 8 - 12 = 86$$

(Note: Interchange should be done of the entire number and not individual digits of a given number.)

A. 12 and 8

B. 36 and 12



C. 3 and 6

D. 4 and 3

Q17 General Intelligence and Reasoning **ENGLISH**

In a certain code language,
'mountains hills rocks' is coded as 'dy ph mt',
'rocks valleys rivers' is coded as 'lp ph st' and
'rivers mountains forests' is coded as 'st bq dy'.
(All the codes are two-letter codes only.)
What is the code for 'valleys' in that language?

A. lp



B. st

C. ph

D. dy

Q18 General Intelligence and Reasoning **ENGLISH**

In a certain code language,
'A + B means 'A is the son of B',
'A - B means 'A is the brother of B',
'A × B means 'A is the wife of B' and
'A ÷ B means 'A is the father of B'.

How is S related to H if 'S + D × F ÷ G - H'?

A. Brother



B. Husband

C. Son

D. Father



Q19 General Intelligence and Reasoning **ENGLISH**

Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

PMN : RPI

VHS : XKN

A. TIH : VMC

B. NFF : PIA

C. PTV : RWR

D. JPQ : LSM

Q20 General Intelligence and Reasoning **ENGLISH**

Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

GEC BZX WUS RPN ?

A. MKJ

B. MJK

C. MIK

D. MKI

Q21 General Intelligence and Reasoning **ENGLISH**

5 is related to 26 following a certain logic. Following the same logic, 12 is related to 145. To which of the following is 13 related, following the same logic?

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

A. 172

B. 170

C. 162

D. 168

Q22 General Intelligence and Reasoning **ENGLISH**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. HF-AU

B. VS-OI

C. FC-YS

D. SP-LF

Q23 General Intelligence and Reasoning **ENGLISH**

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7381564, how many digits will appear more than once in the new number thus formed?

A. One

B. Two

C. None

D. Three

Q24 General Intelligence and Reasoning **ENGLISH**

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: NJR :: OKS : %

A. # = LHO, % = QMU

B. # = LHP, % = QNU

C. # = LHP, % = QMU

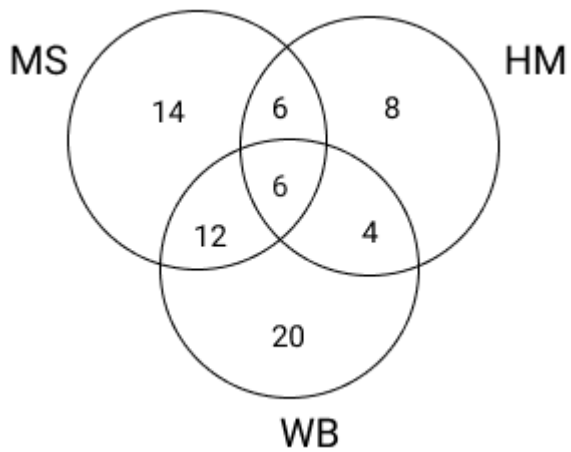
D. # = LHP, % = QMV



Q25 General Intelligence and Reasoning **ENGLISH**

Study the given diagram carefully and answer the question that follows. The numbers in different sections indicate the number of persons who own the given brands of car. How many person own both MS and WB but not HM?

(NOTE: You have to take the given data to be true even if they seem to be at variance from commonly known facts.)



A. 18

B. 12



C. 8

D. 34



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General Intelligence and Reasoning

25 Questions • Answer Key

Q1 General Intelligence and Reasoning ENGLISH

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

HKN 7, CFI 13, XAD 19, SVY 25, NQT 31, ?

A. ILO 37



B. ILO 36

C. JLO 37

D. ILP 37

Q2 General Intelligence and Reasoning ENGLISH

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. IEB

B. UQN

C. NJG

D. ZWU



Q3 General Intelligence and Reasoning ENGLISH

What should come in place of the question mark (?) in the given series?

34 34 46 46 58 58 70 70 ?

A. 84

B. 88

C. 90

D. 82



Q4 General Intelligence and Reasoning ENGLISH

Tarun ranked 21st from the top and 12th from the bottom in his class. How many students are there in his class?

A. 31

B. 32



C. 33

D. 34

Q5 General Intelligence and Reasoning ENGLISH

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

HFC JHE LJG NLI ?

A. PNK



B. PML

C. PMK

D. PNL

Q6 General Intelligence and Reasoning ENGLISH

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1534876, what will be the sum of the digits which are third from the left and third from the right?

A. 8

B. 6

C. 14

D. 10



Q7 General Intelligence and Reasoning ENGLISH

Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

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

4 - 8 - 16 - 32; 1 - 2 - 4 - 8

A. 12 - 24 - 28 - 56

B. 6 - 12 - 24 - 28

C. 3 - 6 - 12 - 20

D. 5 - 10 - 20 - 40



Q8 General Intelligence and Reasoning ENGLISH

Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on first number results in the second number. Similarly, certain mathematical operation on second number results in the third number and so on. Which of the given options follows the same set of operations as in question?

(NOTE – A two/three digit number cannot be broken into individual digits for operations e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two digit number cannot be broken into individual digits)

2 – 14 – 44 – 88 ; 5 – 35 – 65 – 130

A. 7 – 49 – 79 – 158



B. 11 – 121 – 152 – 162

C. 13 – 39 – 122 – 142

D. 14 – 64 – 94 – 144

Q9 General Intelligence and Reasoning ENGLISH

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: WZB :: BEG : %

A. # = EHJ, % = TWY



B. # = FHJ, % = TWY

C. # = EMJ, % = TWY

D. # = EHJ, % = TWI

Q10 General Intelligence and Reasoning

HINDI - no English version saved

निम्नलिखित संख्या एवं प्रतीक श्रृंखला का संदर्भ लें और उसके बाद आने वाले प्रश्न का उत्तर दें। गिनती केवल बाएं से दाएं की जानी चाहिए।

(बाएं) * 5 2 # # 2 2 7 & % 2 \$ & 1 3 \$ % \$ 5 4 \$ \$ (दाएं)

ऐसी कितनी संख्याएँ हैं जिनमें से प्रत्येक के ठीक पहले एक संख्या है और ठीक बाद में भी एक संख्या है?

A. 2

B. 3

C. 0

D. 1

**Q11 General Intelligence and Reasoning** ENGLISH

Rakesh starts from Point A and drives 21 km towards the west. He then takes a left turn, drives 23 km, turns left and drives 27 km. He then takes a left turn and drives 28 km. He takes a final left turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 5 km to the south



B. 4 km to the south

C. 2 km to the south

D. 3 km to the south

Q12 General Intelligence and Reasoning ENGLISH

In a certain code,

'butter milk ghee' is coded as 'dy la mt',

'biscuit ghee salad' is coded as 'bz qp la' and

'salad butter egg' is coded as 'st bz dy'.

All the codes are two-letter codes only.

What is ghee coded as?

A. qp

B. bz

C. la



D. mt

Q13 General Intelligence and Reasoning ENGLISH

A question is given, followed by two statements labelled I and II. Identify which of the statements is/are sufficient to answer the question.

A, B, C, D and E are sitting in a straight line facing North. Who sits on the extreme right end?

(I) Exactly three people sit between B and C.

(II) A sits immediately to the left of B.

A. Data in Statement I alone is sufficient to answer the question, while data in Statement II is not.

B. Data in Statement II alone is sufficient to answer the question, while data in Statement I is not.

C. Both Statements I and II put together are not sufficient to answer the question.

D. Both Statements I and II put together (and not independently) are sufficient to answer the question.



Q14 General Intelligence and Reasoning **ENGLISH**

B, C, E, F and H have different heights. F is taller than E but shorter than B. E is taller than H. C is taller than H. More than two people are taller than C. How many people are taller than H?

A. One

B. Four



C. Three

D. Two

Q15 General Intelligence and Reasoning **ENGLISH**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. RXAE



B. NTWB

C. AGJO

D. SYBG

Q16 General Intelligence and Reasoning **ENGLISH**

Select the letter-cluster pair that best represents a similar relationship to the one expressed in the pairs of letter-clusters given below.

UQY : WUV

MDW : OHT

A. NUM : PYK

B. LHR : NKO

C. SOU : USR



D. WTQ : YXO

Q17 General Intelligence and Reasoning **ENGLISH**

What should come in place of the question mark (?) in the given series?

85 94 108 127 151 ?

A. 170

B. 175

C. 180



D. 185

Q18 General Intelligence and Reasoning **ENGLISH**

In a certain code language,

'A + B' means 'A is the son of B',

'A - B' means 'A is the brother of B',

'A × B' means 'A is the wife of B' and

'A ÷ B' means 'A is the father of B'.

How is S related to H if 'S - D × F + G ÷ H'?

A. Wife's father

B. Brother's wife's father

C. Brother's wife's brother



D. Wife's brother

Q19 General Intelligence and Reasoning **ENGLISH**

Select the letter-cluster pair that best represents a similar relationship to the one expressed in the pairs of letter-clusters given below.

GHO : LGM

HIN : MHL

A. NCL : SBJ



B. ORK : OQM

C. MIH : MHE

D. JJS : JIR

Q20 General Intelligence and Reasoning **ENGLISH**

In a certain code language,

'pen pencil eraser' is coded as 'qp fq pw',

'pencil crayon box' is coded as 'bz er qp' and

'box pen board' is coded as 'er bq fg'.

(All the codes are two-letter coded only.)

What is the code for 'pencil' in that language?

A. bz

B. er

C. qp



D. fq



Q21 General Intelligence and Reasoning ENGLISH

If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '−' and 'S' stands for '+', what will come in place of the question mark (?) in the following equation?

$$35 S 49 R 6 P 3 P 2 S (72 Q 4) = ?$$

A. 50

B. 66



C. 84

D. 98

Q22 General Intelligence and Reasoning ENGLISH

Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.

Only five people have exams after P. Only three people have exams before T. Q has the exam immediately after V but before U. S does not have the exam on Monday. How many people have exams between Q and R?

A. One

B. Three

C. Four



D. Two

Q23 General Intelligence and Reasoning ENGLISH

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) $3 \& ^5 7 \# 9 \% 8 * 4 < 1 \$ 2 @ * 6$ (Right)

How many such symbols are there which are immediately preceded by a number and also immediately followed by another number?

A. 5



B. 4

C. 3

D. 2

Q24 General Intelligence and Reasoning ENGLISH

Seven people, W, X, Y, Z, E, F and G, are sitting in a row, facing north. Only two people sit to the right of Y. Only two people sit between Y and F. Only two people sit between E and W. W sits to the immediate left of Y. Z sits to the immediate right of X.

Who sits at the third position from the left end of the row?

A. Y

B. G



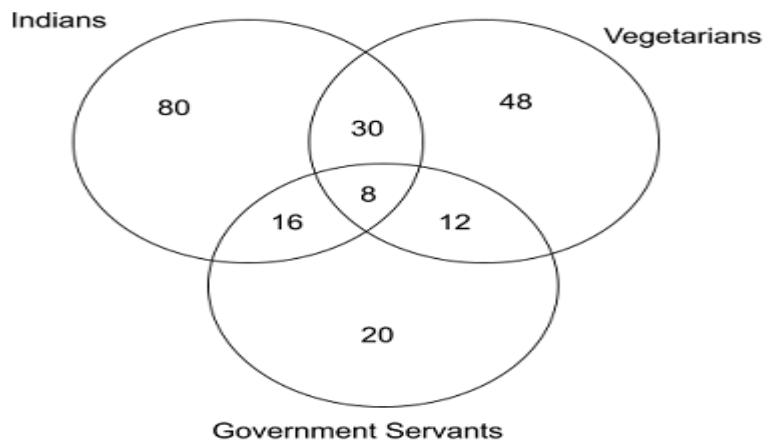
C. Z

D. W



Q25 General Intelligence and Reasoning **ENGLISH**

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



How many such government servants are there who are Indians but not vegetarians?

A. 12

B. 16



C. 30

D. 8

