



GRADE 8

REASONING & APTITUDE

School Level Examination (SLE) 2025

SUBJECT CODE

7

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1

Total Questions: 40

Total Marks: 40

Time: 1 Hour

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

- Carefully fill in your **Name, Class, Roll Number**, and other required details on the **OMR Answer Sheet**.
- Use **only an HB pencil** to fill the OMR Answer Sheet.
- All questions are **compulsory** and carry **one mark** each.
- Only **OMR Answer Sheets** will be evaluated.
- There is **no negative marking** for incorrect answers.
- You may use the **last page** of the question paper for **rough work**.
- **Digital devices** like calculators, smart watches, or mobile phones are **not allowed**.
- After the exam, **submit** both the **OMR Answer Sheet** and the **Question Paper** to the invigilator.

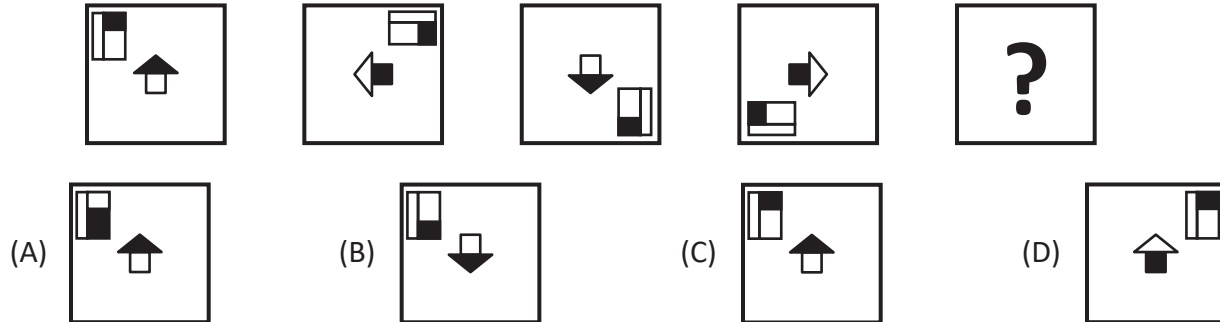
This question paper contains a total of 40 questions, divided into three sections: A, B, and C.

Section A (Logical Reasoning)

1. Three of these groups are alike in the same way, while one is different. Find the different one.

- (A) asibu (B) oarse (C) oinak (D) zamol

2. Find the figure that would replace the question mark '?' to continue the following series:



3. Kishore is 7 ranks ahead of Simran in a class of 49. If Simran's rank is 23rd from the last, what is Kishore's rank from the start?

- (A) 20th (B) 21st (C) 27th (D) 30th

4. If 'P + Q' means 'P is the brother of Q',

'P × Q' means "P is the father of Q"

And 'P – Q' means 'P is the sister of Q, then which of the following relations shows that 'L is the niece of K'?

- (A) $K \times Y - L - Z$ (B) $K + Y \times L - Z$ (C) $Z - L \times Y + K$ (D) $K + Y + Z - L$

5. Which of the following years will have the same calendar as 2025?

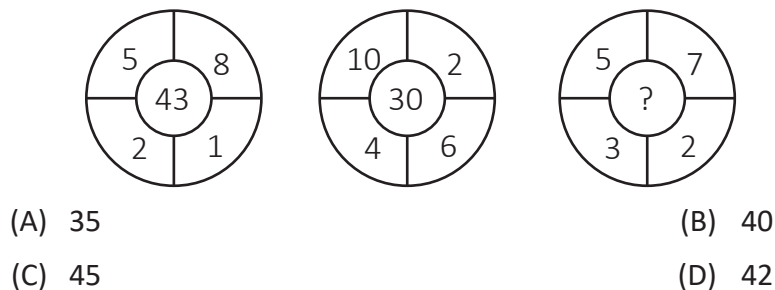
- (A) 2041 (B) 2030 (C) 2053 (D) 2048

6. Find the missing term.

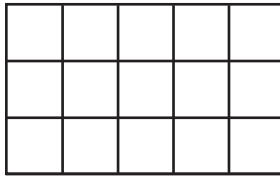
46656, ?, 162, 27, 9

- (A) 1944 (B) 1844
(C) 1458 (D) 2592

7. Find the missing number.



8. Count the number of squares in the following figure.



- (A) 20 (B) 24 (C) 26 (D) 32

9. Select the correct set of symbols which will fit in the blank space.

$$5 _ 0 _ 3 _ 5 = 20$$

- (A) $\times, \times, \times$ (B) $-, +, \times$ (C) $\times, +, \times$ (D) $+, -, \times$

10. If all the even numbers are removed from the series, then find the product of all the numbers that lie between the ninth element from the right end and the sixth element from the left?

6 P \$ 7 W F Ω 1 N L 4 ? 3 > J H 8 & 5 T O C Q N ! I 2 9 * U ! A V # H 4 Q D

- (A) 138 (B) 145 (C) 135 (D) 130

11. If A denotes $-$, C denotes $\times$, D denotes $\div$, E denotes $+$, then $14 \text{ C } 3 \text{ A } 12 \text{ E } 4 \text{ D } 2$ is equal to

- (A) 17 (B) 32 (C) 28 (D) 6

12. Which of the following diagrams indicates the best relation between Examination, Questions, and Practice?



Directions. (Qs. 13–14): In a certain code, 'I received a letter' means 'we saw an aircraft'.

'Shyam received one too' means 'the aircraft is blue',

'Shyam loves long letters' means 'Captain saw blue flag',

and 'I like long one' means 'we believe the captain'.

Read the above information and answers the following questions.

13. What does the word 'received' in the code mean?

- (A) we (B) saw (C) blue (D) aircraft

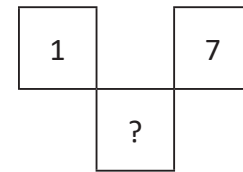
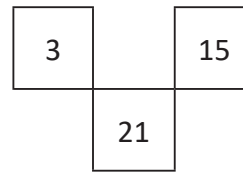
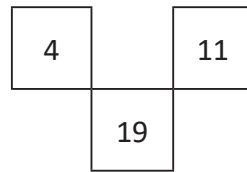
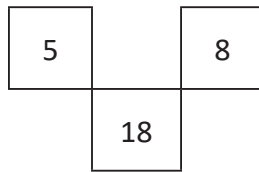
14. Which word is coded as 'believe'?

- (A) received (B) saw (C) loves (D) like

15. One morning, Priya walks 10 metres facing the Sun. After this, she walks 10 metres to the right. Then every time turning to her left, she walks 5, 15 and 15 metres respectively. How far is she now from her starting point?

- (A) 10 m (B) 15 m
(C) 5 m (D) 20 m

16. Find the missing number.



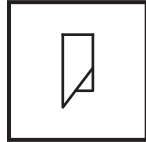
(A) 23

(B) 17

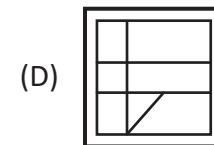
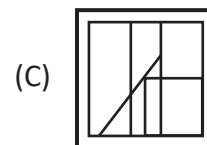
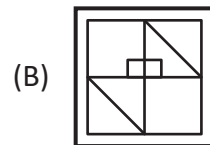
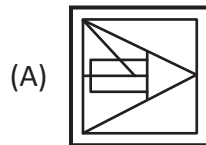
(C) 12

(D) 9

17. Select the option in which the given figure is embedded/hidden.



(X)



18. Find the option that would replace the question mark (?) to establish the following analogy.

Bibliophobia : Phobia of books :: Chronophobia : ?

(A) Phobia of water

(B) Phobia of height

(C) Phobia of time

(D) Phobia of light

19. Find the odd one out.

(A) 45654

(B) 2331

(C) 1441

(D) 23632

20. A clock is so placed that at noon, its minute hand points towards North-East. In which direction does its minute hand point at 1:30 pm?

(A) North

(B) South

(C) South-West

(D) North-West

21. Some children are standing in a queue. If the 10th child from behind is 5 positions behind the 16th child from the front, how many children are there in the queue?

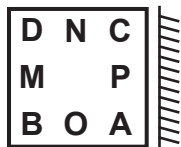
(A) 27

(B) 33

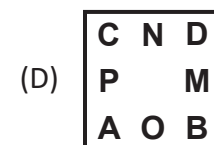
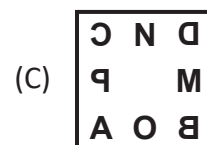
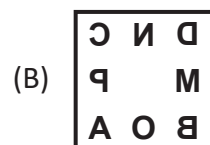
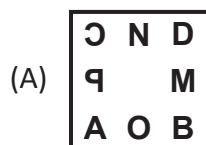
(C) 36

(D) 30

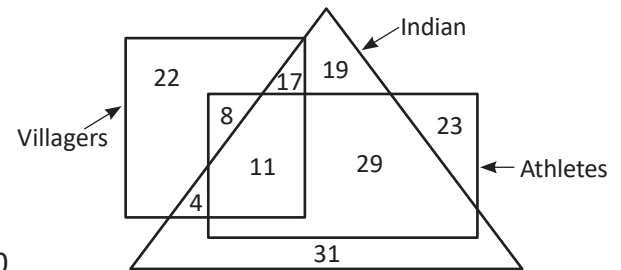
22. Select the correct mirror image of the given figure:



(X)



23. In the given diagram, the triangle stands for 'Indians', the rectangle stands for 'athletes' and the square stands for 'villagers'. The numbers given in the different segments represent the number of persons in that category. How many Indians are either athletes or villagers but not both?



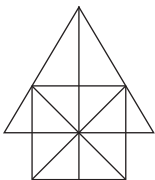
- (A) 46 (B) 50
 (C) 33 (D) 61

24. Choose the alternative that closely resembles the water image of the given combination.

US91Q4M5W3
 ////////////////

- (A) **U291Q4M5W3** (B) **U261Q4M5W3**
 (C) **U261Q4M5W3** (D) **U291Q4M5W3**

25. In the figure shown, find the sum of the number of triangles and squares.



- (A) 33 (B) 34 (C) 31 (D) 30

26. Find the option that would replace the question (?) mark to establish the analogy.

BACTERIA : EXFWBUXF :: PARASITE : ?

- (A) SXUXVFWC (B) MXUXVFCW (C) ETISARAP (D) SXUXVFWB

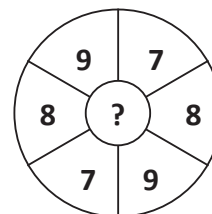
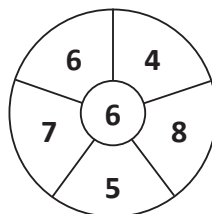
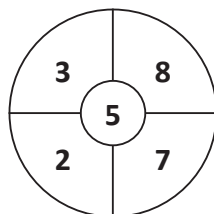
Section B (Quantitative Aptitude)

27. What will come next in the series:

2, 7, 23, 49, 149, ?

- (A) 291 (B) 449
 (C) 301 (D) 306

28. Find the missing term.



- (A) 7 (B) 8 (C) 9 (D) 10

Directions. (Qs. 29–30): Decode the following subtraction and answer the related questions based on it.

$$\begin{array}{r} A \quad B \quad C \quad A \\ - \quad B \quad A \quad B \\ \hline B \quad A \quad B \quad A \end{array}$$

Note: Each alphabet represents a distinct digit, and the leftmost digit in each number cannot be zero.

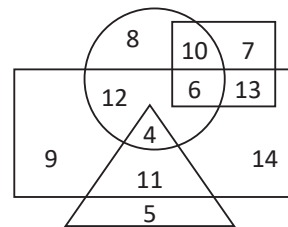
29. The value of A is

- (A) 0 (B) 3 (C) 7 (D) 9

30. The value of $C + B + D$ is

- (A) 24 (B) 14 (C) 15 (D) 16

Directions. (Qs 31–32): In the following diagram, rectangle represents men, triangle represents educated, circle represents urban, and square represents government employees.



31. Which one of the following represents the educated men but not urban?

- (A) 20 (B) 11 (C) 4 (D) 15

32. Which one of the following represents an urban woman as well as a government employee?

- (A) 7 (B) 13 (C) 10 (D) 6

33. In the given number sequence, if 1 is added to all the prime digits of all the numbers and 2 is subtracted from all the composite digits of all the numbers, then which of the following numbers have exactly two distinct composite digits?

528 496 328 629 963

- (A) 528 (B) 328 (C) 496 (D) 962

Section C (Competency Enhancement)

34. Find the Venn diagram relationship among: Teacher, Writer, Musician.

- (A) (B) (C) (D)

35. Introducing a woman, Shashank said, “She is the mother of the only daughter of my son.” How is that woman related to Shashank?

- (A) Daughter (B) Sister-in-law
 (C) Wife (D) Daughter-in-law

36. Find the analogy.

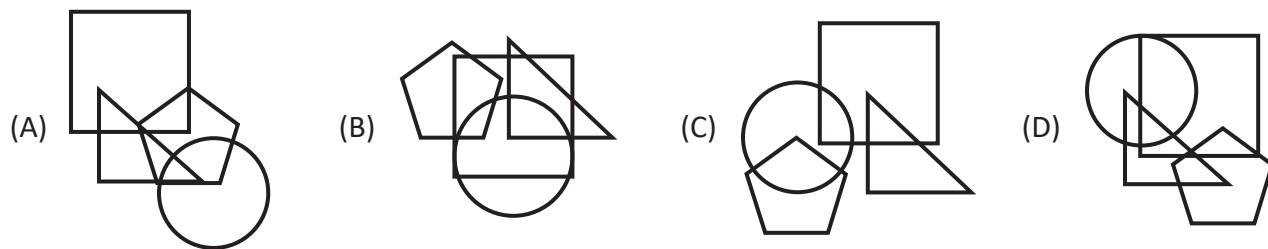
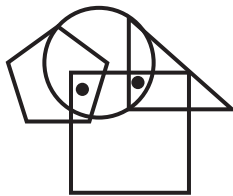
Optimistic : Pessimistic :: _____ ? _____ : _____ ?

- (A) Difficult : Impossible (B) Birds : Flight
 (C) Tolerating : Disgusting (D) Foe : Ally

37. A man starts his journey from home. He goes 5 km to the North, then proceeds 35 km to the right. From there, he again turns right and goes 17 km. How far is he from home?

- (A) 35 km (B) 36 km
 (C) 37 km (D) 40 km

38. Select the option that provides the same conditions where the dot can be placed as it is placed in the given figure:

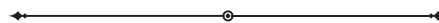


39. In a certain language, 'GUST' is coded as '@7\$2' and 'SNIP' is coded as '\$59#'. How will 'SING' be coded in the same code?

- (A) 9\$7# (B) 59#\$ (C) 7\$@9 (D) \$95@

40. Six books – English, Hindi, Science, Computer, Maths, and Sanskrit each contain a different number of pages. The computer book contains fewer pages than only two books. The English book contains more pages than the Science book but fewer than the Sanskrit book. The science book does not contain the least page. The Sanskrit book contains fewer pages than the Hindi book. The book that contains the third lowest pages contains 28 pages. How many books contain more pages than the Science book?

- (A) Two (B) Three
 (C) Four (D) Five



SPACE FOR ROUGH WORK