



GRADE 7

REASONING & APTITUDE

School Level Examination (SLE) 2025

SUBJECT CODE

7

0

1

Total Questions: 40

Total Marks: 40

Time: 1 Hour

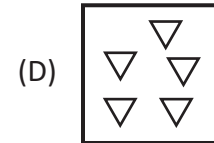
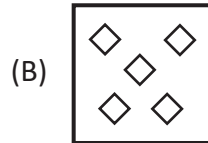
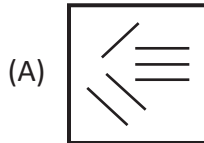
DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

- 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. Find the odd one out.



2. Find the missing number.

2		2
6		3
	40	13
	74	?
7		4
5		5

(A) 72

(B) 69

(C) 41

(D) 57

3. In a certain code language, PLANE is written as ! @ # \$ %, and CLEAR is written as ^ @ % # &, then how will REPLACE be written in that code language?

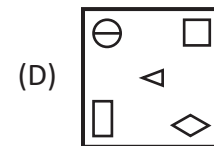
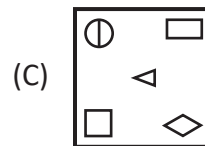
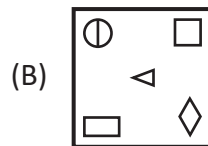
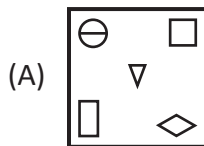
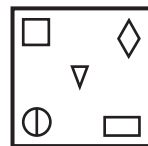
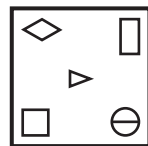
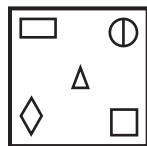
(A) @ # % & ! ^ \$ #

(B) & % ! @ # ^ %

(C) & @ ! % # ^ @

(D) & % ! = # ^ %

4. Find the next figure to extend the given figure series.



5. Find the option that would replace the question mark to establish the analogy:

FRIENDSHIP : RIFT :: SOCIETY : ?

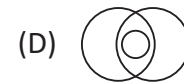
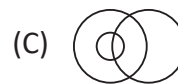
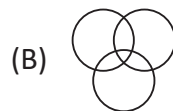
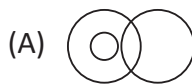
(A) PARTY

(B) MEETING

(C) MANIFESTO

(D) SCHISM

6. Which one of the following figures represents the Venn diagram relationship among Engineers, Women, and Mothers?



7. In the given question, select the correct water image of figure:



- (A) **VCB5247N** (B) **VCB5247N** (C) **VCB5247N** (D) **VCB5247N**

8. A is the son of C, C and Q are sisters, and R is the mother of Q. If A is the father of P, then which of the following options is correct?

- (A) R is the maternal grandmother of A (B) P and A are cousins
 (C) P is the maternal uncle of A (D) All of the above

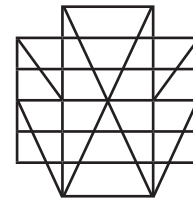
9. How many such letters are there in the below arrangement, each of which is immediately preceded by a number and immediately followed by a consonant?

1 W E 3 \$ R T % M 9 4 L S C 8 & F J 2 @ U P 7 D 5 * 6 Z C ? A

- (A) One (B) Two (C) Three (D) More than three

10. Count the number of straight lines in the given figure:

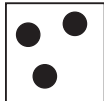
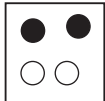
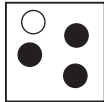
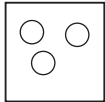
- (A) 17
 (B) 18
 (C) 19
 (D) 21

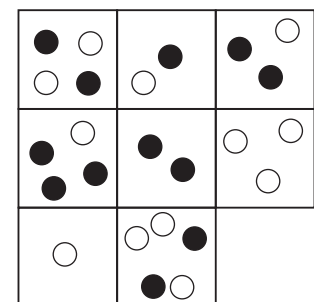


11. In a row, Suman is 22nd from the left end and Aman is 24th from the right end. When they interchange their positions, then Aman becomes 32nd from the right end. What will be Suman's position from the left after interchanging?

- (A) 23 (B) 30 (C) 34 (D) 32

12. Find the missing tile in the given figure:

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



13. In a certain code language,

'3154' means 'meet me on Sunday',

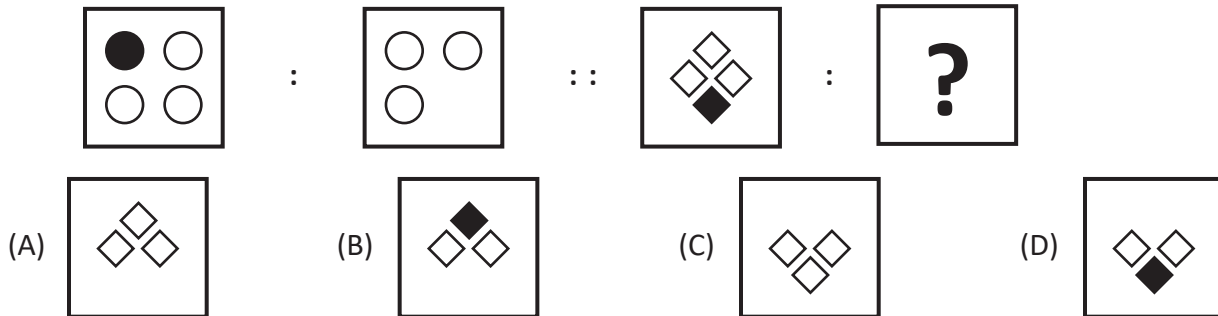
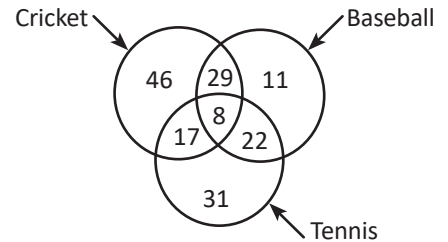
'538' means 'not on Sunday'

'861' means 'why not meet'.

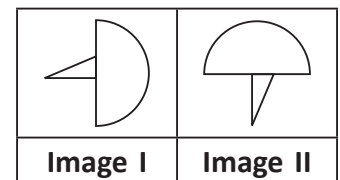
Which digit is used for 'why' in this code?

- (A) 5 (B) 3 (C) 1 (D) 6

14. Vijay is 17th from the left end of a row of 29 boys, and Manish is 17th from the right end in the same row. How many boys are there between them in the same row?
 (A) 5 (B) 6 (C) 3 (D) 8
15. If A is the brother of B; B is the sister of C; and C is the son of D, how is A related to D?
 (A) Brother (B) Son (C) Cousin (D) Nephew
16. The given Venn diagram represents the number of students in a college who like different sports. How many students like at least two sports?
17. If A denotes +, B denotes $\div$, C denotes $\times$, and D denotes $-$, then what is the value of $20 \text{ C } 5 \text{ B } 2 \text{ A } 8 \text{ D } 4$?
 (A) 46 (B) 54 (C) 62 (D) 52
18. A man drives his car 50 km towards the East. Then he turns right, drives for 30 km, next he turns towards the West and drives for 10 km. How far is he from the starting point?
 (A) 60 km (B) 50 km (C) 20 km (D) 100 km
19. Find the option that would replace the question (?) mark to establish the analogy:



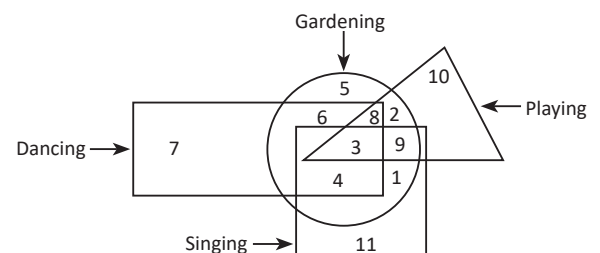
20. One can get image II from image I by rotating
 (A) 90° clockwise, then water image
 (B) 90° anticlockwise, then water image
 (C) 90° clockwise, then mirror image
 (D) 180° anticlockwise, then mirror image



Directions. (Qs 21–22): The given Venn diagram represents the number of students in a college who like activities. Observe the figure and answer the following questions.

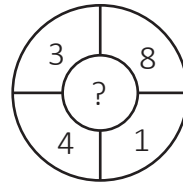
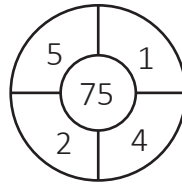
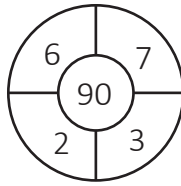
21. The number of students who like either dancing or gardening but not singing is

- (A) 32 (B) 28
 (C) 35 (D) 44



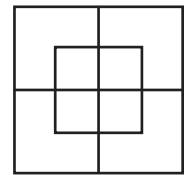
22. The number of students who like dancing, playing, or singing but not gardening is
 (A) 18 (B) 33 (C) 28 (D) 29

23. Find the missing number.



- (A) 79 (B) 80 (C) 85 (D) 70
24. Count the number of squares in the given figure:

- (A) 10 (B) 11
 (C) 9 (D) 8



25. Select the option that fits into the given figure exactly to form a complete square.



(X)

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

26. If all the even numbers are skipped from the series, then find the product of the numbers that come between the second vowel from the right and \$?

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

- (A) 84 (B) 48 (C) 42 (D) 21

Section B (Quantitative Aptitude)

27. Find the missing number.

125, 126, 130, 139, 155, ____ ?

- (A) 175 (B) 165 (C) 180 (D) 190

28. Find the option that would replace the question mark '?' to establish analogy.

5678 : 676 :: 9478 : ?

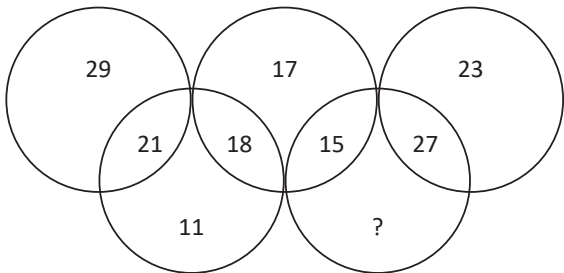
- (A) 770 (B) 676 (C) 961 (D) 784

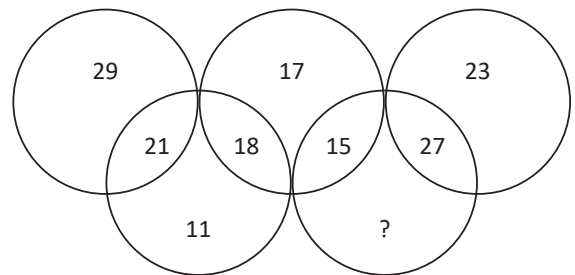
29.

	A	A	A	A
+	B	B	B	B
	C	C	C	C
B	A	A	A	C

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

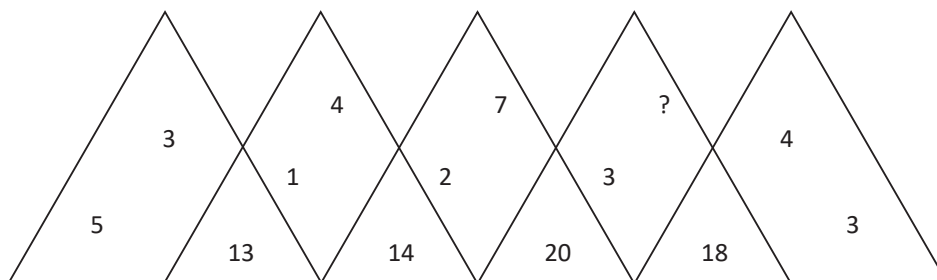
The value of $2(A + B + C)$ is

- (A) 36 (B) 22 (C) 25 (D) 18
30. If P means '+', Q means '×', R means '−', and S means '÷', then what is the value of the following expression?
- $[(96 \text{ S } 8) \text{ Q } (5 \text{ P } 1)] \text{ R } 10] \text{ P } 3 \text{ Q } 4$
- (A) 156 (B) 74 (C) 172 (D) 56
31. Shivam ranked seventeenth from the top and twenty-eighth from the bottom among those who passed an examination. Nine boys did not participate in the competition, and four of them failed. How many boys were there in the class?
- (A) 56 (B) 44 (C) 57 (D) 58
32. Find the missing number.
- (A) 8
(B) 7
(C) 9
(D) 11
33. If in a certain code, 'CAMERA' is written as 'MACARE', then how will 'BOTTOM' be written in the same code?
- (A) ANSSNL (B) MOTTOB (C) TOBMOT (D) OBTOMT
- 



Section C (Competency Enhancement)

- 34.** Find the missing term.



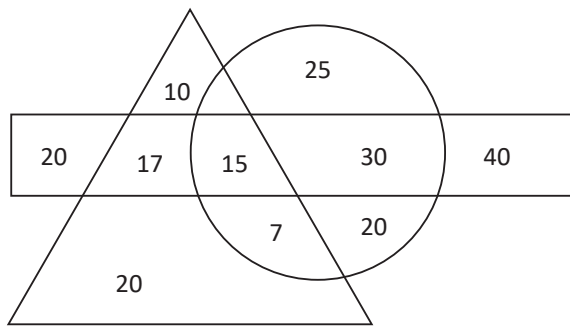
- (A) 6 (B) 8 (C) 9 (D) 10

35. If A is the brother of B, how is B related to C? To answer this question, which of the following statements is /are necessary?

1. The son of A is the grandson of C.
2. B is the sister of A.

(A) Only 1 (B) Only 2 (C) Both 1 and 2 (D) Either 1 or 2

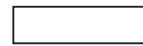
Directions. (Qs. 36–37): Study the diagram given below and answer the following questions.



→ Person who takes tea



→ Person who takes coffee



→ Person who takes milk

36. How many persons take milk?

(A) 100 (B) 82 (C) 92 (D) 122

37. How many persons take both tea and coffee but do not take milk?

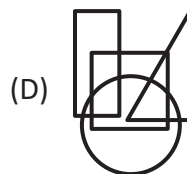
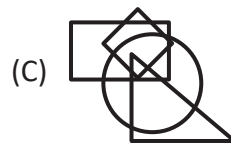
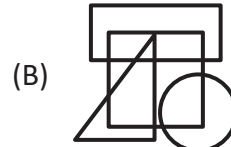
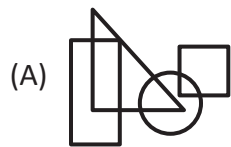
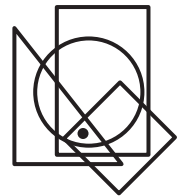
(A) 22 (B) 17 (C) 7 (D) 20

38. If all the digits in each of the following are arranged in ascending order within the number, which of the following will be the third lowest number in the new arrangement of the numbers?

345 423 836 923 845 761

(A) 836 (B) 923 (C) 423 (D) 761

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



40. Raman drives 3 km North. Then he turns 90° clockwise and drives 4 km. Now he turns right and drives 5 km. Now turning left, he drives 2 km. Again, he turns left and moves 2 km. Finally turning 90° anticlockwise, he walks 2 km. In which direction and how far is he from his starting position?

(A) 4 km North-East (B) 1.5 km North-West (C) 6 km West (D) 4 km East



SPACE FOR ROUGH WORK