



School Level Examination
SLE 2024

SET:

I



REASONING & APTITUDE

Subject Code:

7	0	1
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Total Questions: 40

Total Marks: 40

Time: 1 hour

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

- All questions are compulsory.
- Read the instructions on the **ANSWER SHEET** and fill in your **NAME, CLASS** and **OTHER INFORMATION**.
- To mark your choice of answer by darkening the circles in the **ANSWER SHEET**, use a **BLUE/BLACK BALL PEN** only.
- You **MUST** record your answers on the **ANSWER SHEET** only.
- There are **40 MULTIPLE CHOICE QUESTIONS**. Each question carries one mark. Use the information provided to choose the **BEST** answer among the four possible options. On your **ANSWER SHEET** fill in the circle that matches your answer.
- Marks are **NOT** deducted for incorrect answers.
- Return the **ANSWER SHEET** to the invigilator at the end of the examination.
- You are **NOT** allowed to use a calculator. You may use a ruler and spare paper for rough work.

GRADE 7

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

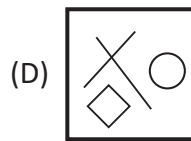
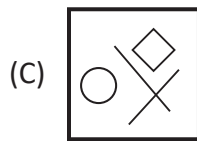
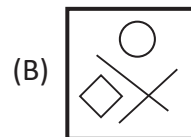
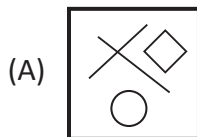
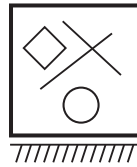
Section A (Logical Reasoning)

1. Study the following arrangement carefully and answer the question given below:

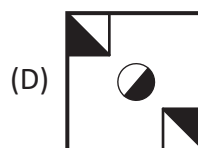
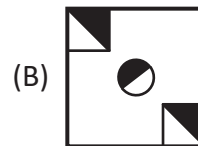
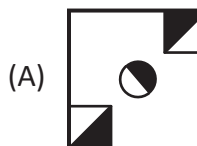
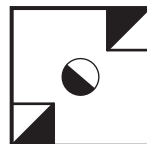
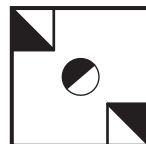
X C B C # C B C \$ C B C @ C B C ! C B C

How many C's are there in the given series which are immediately preceded by a symbol and immediately followed by B?

- (A) Three (B) Two
(C) More than four (D) Four
2. Select the correct water image of the given figure.



3. What comes next in the given figure series?



4. Select the one which is different from the other three.

- (A) Dribble (B) Bowled
(C) Header (D) Offside

5. Select the one that would replace the question mark to establish the analogy:

Butterfly : Caterpillar :: Frog : ?

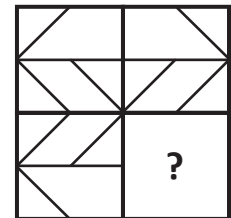
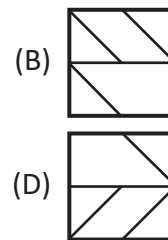
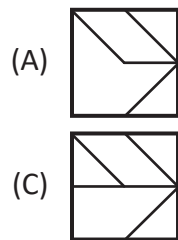
- (A) Calf (B) Tadpole
(C) Chick (D) Cub

6. Select the one that would replace the question mark '?' in the following series.

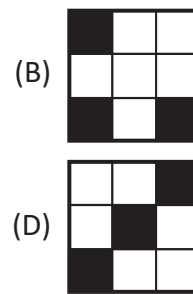
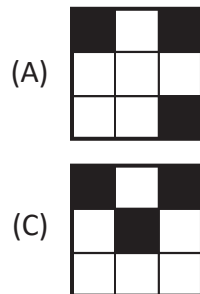
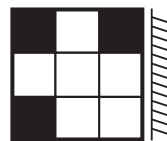
JEF, KGH, LIJ, __?, NMN

- (A) MUL (B) MKL
(C) MJK (D) MNJ

7. Select the one which replaces the question mark in the figure to complete the given pattern:



8. Select the correct mirror image of the given figure.



9. Select the one that would replace the question mark to establish the analogy:

Duleep Trophy : Indian domestic cricket :: Davis Cup : ?

- (A) International cricket (B) International lawn tennis
(C) Domestic tennis (D) Domestic football

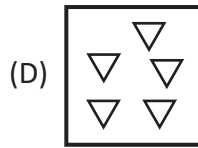
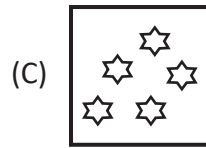
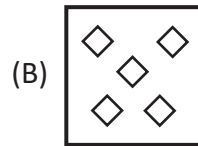
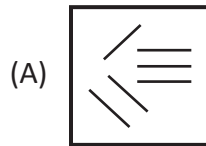
10. Choose the one that would replace the question mark to extend the given series.

G13, J17, M21, P25, ?

- (A) R29 (B) S30
(C) S29 (D) T28

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11. Which one of the following is different from the other three?



12. In a specific code system, '431' stands for 'Blue Sky High', '125' stands for 'High Is Kite', and '326' stands for 'Sky Is Clear'. What would be the code for 'Sky Is Blue'?

(A) 324

(B) 435

(C) 344

(D) 425

13. The following table shows the codes for some letters. Based on this, find out the code for 'CRICKET'.

Letters	A	B	C	J	I	K	R	E	T
Codes	7	@	&	6	*	#	2	\$	5

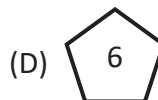
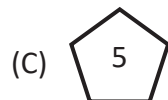
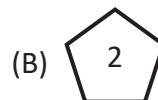
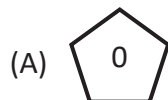
(A) &2*#&\$5

(B) &2*&#\$5

(C) &2&*#\$5

(D) &2@&#\$5

14. Select the one that would replace the question mark to establish the analogy:



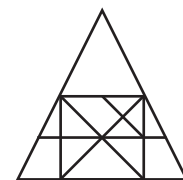
15. Count the number of straight lines in the following figure:

(A) 8

(B) 9

(C) 10

(D) 11



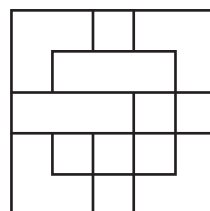
16. Count the number of squares in the given figure:

(A) 8

(B) 9

(C) 10

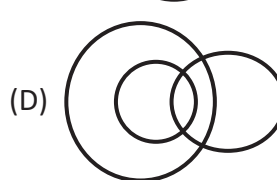
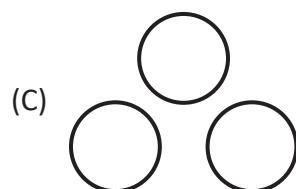
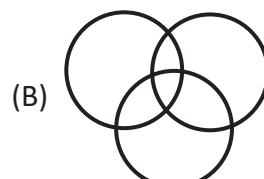
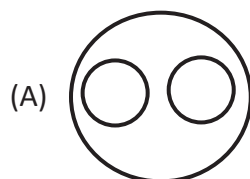
(D) 11



17. Priya starts from her school and walks 337 m in the South-east direction and then 269 m in the South-west direction. Next, she walks 432 m in the North-west direction. Finally, she turns to her left. In which direction is she moving?

(A) North-west (B) South-west
(C) South-east (D) South

18. Which of the following Venn diagrams best represents the relationship amongst 'Adults, Males, Artists'?



19. At 3:45 pm, the minute hand of a clock is pointing towards the West. In which direction will the hour hand point at 9:00 am?

(A) North (B) South
(C) East (D) West

20. In a row of persons, Ankit is 12th from the left and Virat is 20th from the right. When they interchange their positions, Ankit becomes 8th from the left. What will be Virat's new position from the right?

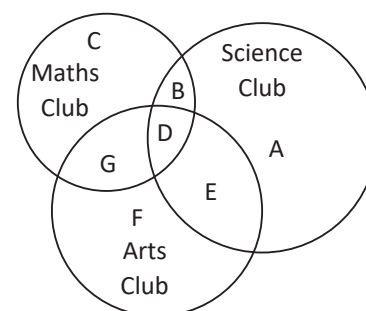
(A) 19th (B) 15th
(C) 16th (D) 22nd

21. Arjun is facing east. He turns 45° in the clockwise direction and then another 90° in the same direction. Finally, he turns 180° in the anticlockwise direction. In which direction is he now facing?

(A) East (B) North-east
(C) North (D) North-west

22. The Venn diagram given alongside represents students who are part of the Maths Club, Science Club, and Arts Club. Study the diagram and identify the students who are members of both the Maths Club and the Science Club but not the Arts Club.

(A) B
(B) B + D + E
(C) D
(D) G + D + E

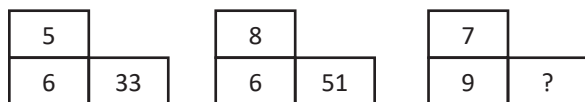


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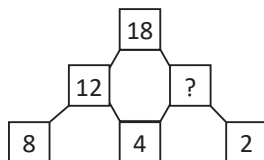
23. In a race with 6 participants, Priya finished ahead of Rohan but behind Sita. Gaurav finished behind Sita but ahead of Priya. Tina finished ahead of Rohan but behind Priya. Sameer finished ahead of Gaurav but behind Sita. Who finished third?
- (A) Sita (B) Gaurav
(C) Priya (D) Rohan
24. In a certain code language, EARTH is coded as WBQYP, and FINAL is coded as SGJBX. What will be the code for the word INFLATE in the same language?
- (A) GJSBXYW (B) GJSXYBW
(C) GJSXBYW (D) GJSXWYB
25. Pointing towards a photograph, Anamika said, "She is the only daughter of Arun's grandfather who is my husband's father." How is Anamika related to the person in the photograph?
- (A) Mother-in-law (B) Sister-in-law
(C) Aunt (D) Mother
26. In search of treasure, a man roams on an island. He starts by walking towards the East for 8 km and then goes South for 6 km. There he finds the treasure and wants to go back to his starting point. What is the shortest distance he should cover to reach the starting point?
- (A) 6 km (B) 14 km
(C) 8 km (D) 10 km

Section B (Quantitative Aptitude)

27. If P denotes \div , Q denotes ' \times ', R denotes '+', and S denotes '-', then $9 \text{ Q } 12 \text{ P } 6 \text{ R } 16 \text{ S } 8 = ?$
- (A) 108 (B) 26
(C) 67 (D) 54
28. Observe the relationship amongst the numbers in the first two figures and find the missing number in the third figure.



- (A) 60 (B) 66
(C) 63 (D) 65
29. Observe the given figure and find the missing number.



- (A) 5 (B) 4
(C) 3 (D) 6

30. If + means \times , $-$ means $+$, \times means \div , \div means $-$, then what is the value of

$$91 \times 7 - 13 + 4 \div 4?$$

- (A) 625 (B) 61
(C) 36 (D) 74

31. Select the one that would replace the question mark to establish the analogy:

$$344 : 7 :: 217 : ?$$

- (A) 11 (B) 9
(C) 6 (D) 4

32. Select the correct set of symbols that will fit in the blanks of the given equation:

$$48_22_14_3 = 68$$

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

33. Select the one that would replace the question mark '?' to continue the following series:

$$675, 225, 45, 15, ?$$

- (A) 5 (B) 3
(C) 10 (D) 9

Section C (Competency Enhancement)

34. Find the missing character.

K	N	T
27	26	?
P	L	G

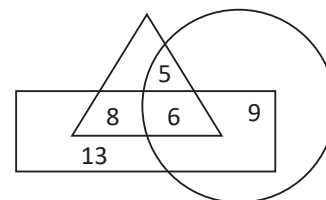
- (A) 25 (B) 24
(C) 27 (D) 28

35. In a row of 37 students, when Priya was shifted by seven places towards the right, she became 15th from the right end. What was her earlier position from the left end of the row?

- (A) 16th (B) 19th
(C) 21st (D) 14th

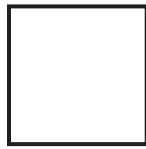
36. In the given diagram, if the triangle represents producers, the rectangle represents singers, and the circle represents musicians, what is the number of those musicians who are producers but do not sing?

- (A) 8 (B) 13
(C) 9 (D) 5

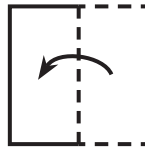


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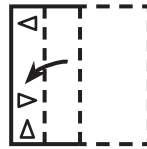
37. A sheet of paper is folded and punched as shown in figures X, Y and Z. Select the option that correctly shows the pattern when the sheet is unfolded:



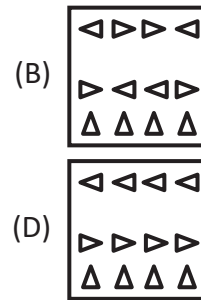
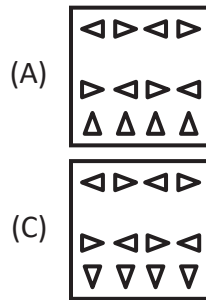
X



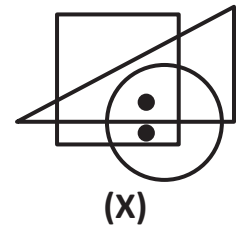
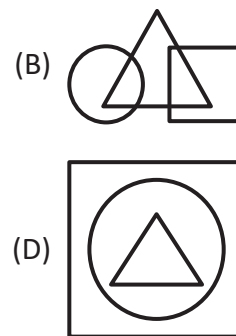
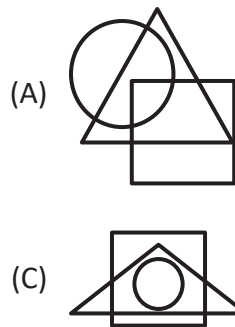
Y



Z



38. Select the one which provides the same conditions where the dots can be placed as they are placed in the given figure:



39. In a secret code language, the code for a word is obtained by replacing each consonant with its corresponding letter that appears three positions later in the English alphabet, and each vowel with its corresponding letter that appears one position later in the English alphabet. What will be the code for "AMAZING" in that code language?

(A) BPBCJQJ

(B) BPBDIQJ

(C) BPBDIJL

(D) BPBQIDJ

40. Count the number of triangles in the following figure:

(A) 19

(B) 22

(C) 24

(D) 20

