



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

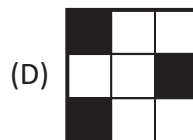
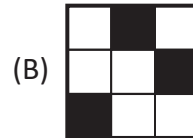
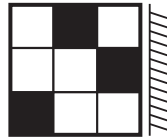
- All questions are compulsory.
- Read the instructions on the **ANSWER SHEET** and fill in your **NAME, CLASS** and **OTHER INFORMATION**.
- To mark your choice of answer by darkening the circles in the **ANSWER SHEET**, use a **BLUE/BLACK BALL PEN** only.
- You **MUST** record your answers on the **ANSWER 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.

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

Section A (Logical Reasoning)

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



2. Choose the correct option that would replace the question mark '?' to continue the given series.

18, 36, 38, 76, ?, 156

(A) 152

(B) 78

(C) 82

(D) 86

3. What will come next in the given series?

T27, Q22, N18, K15, ?

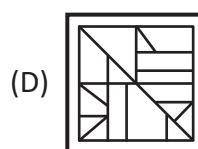
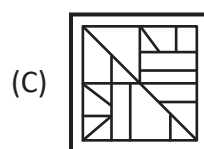
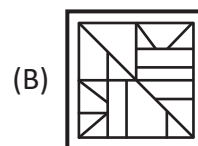
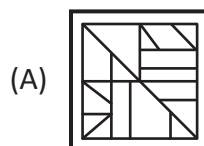
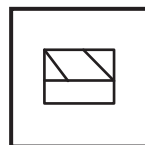
(A) I13

(B) H10

(C) H13

(D) M16

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



5. Select the correct water image of the given figure.



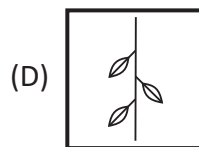
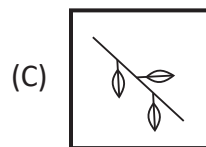
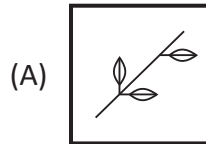
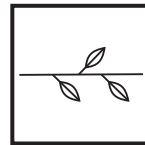
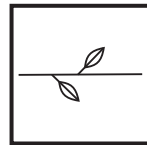
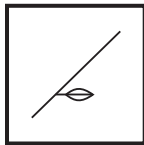
(A) **DKb2Mg**

(B) **gM2dKQ**

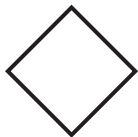
(C) **gM5qKQ**

(D) **DKb5Mg**

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



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



:



::



:



8. Choose the odd one out.

(A) Honest

(B) Sincere

(C) Deceitful

(D) Genuine

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

Letters	A	D	Y	O	N	S	P	I	M
Codes	2	@	&	6	*	#	4	\$	5

(A) 56* @&2

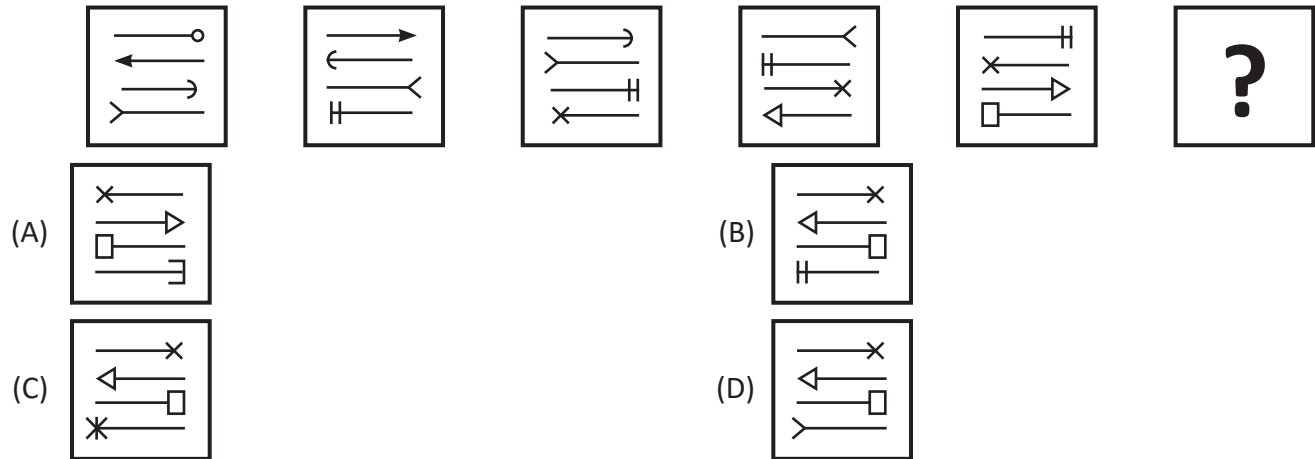
(B) 56* @2&

(C) 5*6 @&2

(D) 6*5 @2&

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10. Choose the one that would replace the question mark '?' to continue the series:



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

Booker Prize : Literature : : Academy Award : ?

- (A) Education (B) Film
 (C) Sports (D) Science

12. In a specific code system, '567' stands for 'Grand Empire Gate', '754' stands for 'Gate Is Grand', and '895' stands for 'A Vibrant Gate'. What would be the code for 'Gate'?

- (A) 5 (B) 7
 (C) 6 (D) 4

13. Choose the odd one out.

- (A) NOAGDNANJAR (B) ILLAPPARIHCURIT
 (C) UMANSMPMRA (D) MANTAPAHKASIV









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

LJ5 : HO12 : : MQ25 : ?

- (A) JY34 (B) MG34
 (C) IV32 (D) NU30

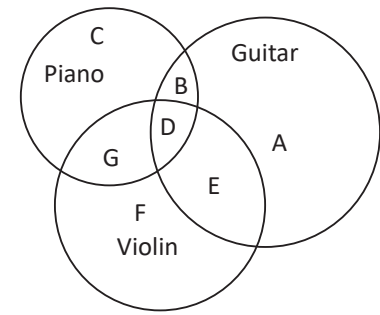
15. Choose the odd one out.



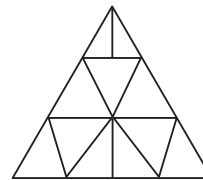
16. In a certain code, JAIL is written as 101912 and FAIL is written as 61912. How will SMELL be written in that code?
- (A) 19136122 (B) 191351212
(C) 19135212 (D) 191312512
17. There are five students, Anil, Bhavya, Chetan, Diya, and Esha. Each of them has a different height. Bhavya is taller than Anil but shorter than Chetan. Diya is taller than Esha but shorter than Anil. How many students are shorter than Bhavya?
- (A) 1 (B) 2
(C) 3 (D) 4
18. Which of the following diagrams indicates the best relationship between Men, Fathers, and Doctors?
- (A)  (B) 
(C)  (D) 
19. In a certain code language, 325 means 'She is happy', and 4426 means 'They went to school'. Which of the following is the code for 'You are smart'?
- (A) 426 (B) 523
(C) 335 (D) 534
20. Select the option that replaces the question mark in the given figure to complete the given pattern:
- (A)  (B) 
(C)  (D) 
- The given figure is a 2x2 grid. The top-left square contains a quarter-circle arc from the top-left corner to the bottom-right corner. The top-right square contains a quarter-circle arc from the top-right corner to the bottom-left corner. The bottom-left square contains a quarter-circle arc from the top-left corner to the bottom-right corner. The bottom-right square contains a question mark.
21. Neha is facing north. She turns 90° in the clockwise direction and then another 135° in the same direction. Finally, she turns 225° in the anticlockwise direction. In which direction is she now facing?
- (A) West (B) North
(C) South-west (D) South-east
22. In a race with 6 participants, Arjun finished ahead of Bhaskar but behind Chitra. Deepak finished behind Chitra but ahead of Arjun. Elina finished ahead of Bhaskar but behind Arjun. Farhan finished ahead of Deepak but behind Chitra. Who finished third?
- (A) Elina (B) Bhaskar
(C) Deepak (D) Farhan

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23. The given Venn diagram represents students who play Piano, Guitar, and Violin. Study the diagram and identify the students who play all three instruments.

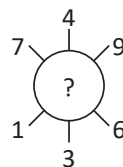
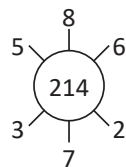
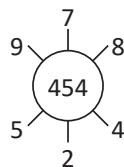


- (A) B
(B) B + D + E
(C) D
(D) G + D + E
24. In a row of students facing east, Ravi is sitting 7th from the right end. Sunita is sitting 4th to the left of Ravi. The number of persons sitting to the right of Sunita is five times the number of persons sitting to her left. How many people are sitting in that row?
- (A) 12 (B) 25
(C) 13 (D) 16
25. Ritu walks 8 km south and then turns right. After walking 8 km, she turns left and walks another 8 km. In which direction is she now from her starting point?
- (A) South (B) South-west
(C) East (D) South-east
26. Count the number of straight lines in the given figure:



Section B (Quantitative Aptitude)

27. If A denotes \div , B denotes \times , C denotes $+$, and D denotes $-$, then $13 \text{ B } 24 \text{ A } 8 \text{ C } 23 \text{ D } 15 = ?$
- (A) 47 (B) 36
(C) 67 (D) 54
28. Find the missing number:



- (A) 612 (B) 614
(C) 616 (D) 613

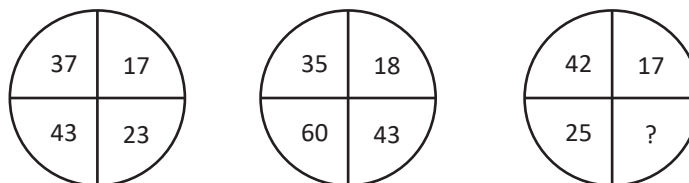
29. If + means \times , $-$ means $+$, \times means \div , \div means $-$, then what is the value of

$$144 \times 9 - 13 + 56 \div 8?$$

- (A) 1290 (B) 442
(C) 736 (D) 438

30. Find the missing number.

- (A) 2
(B) 13
(C) 0
(D) 12



31. Which two signs should be interchanged in the following equation to make it correct?

$$32 \div 8 - 7 \times 13 + 16 = 31$$

- (A) \times and $-$ (B) $+$ and $-$
(C) \div and \times (D) \div and $+$

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

$$426 : 48 :: 357 : ?$$

- (A) 36 (B) 76
(C) 105 (D) 85

33. A man starts at a point and walks 3 km north. He then turns west and walks 2 km. After that, he turns north again and covers 1 km, and finally, he moves 5 km east. How far is he from the starting point?

- (A) 2 km (B) 5 km
(C) 8 km (D) 10 km

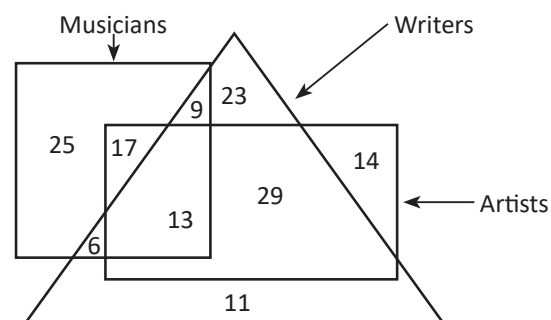
Section C (Competency Enhancement)

34. If $P + Q$ means P is the mother of Q; $P - Q$ means P is the brother of Q; $P \% Q$ means P is the father of Q and $P \times Q$ means P is the sister of Q, then $X - Y + Z \times W$ shows that

- (A) X is the maternal uncle of W (B) Y is the sister of W
(C) Z is the sister of X (D) X is father of W

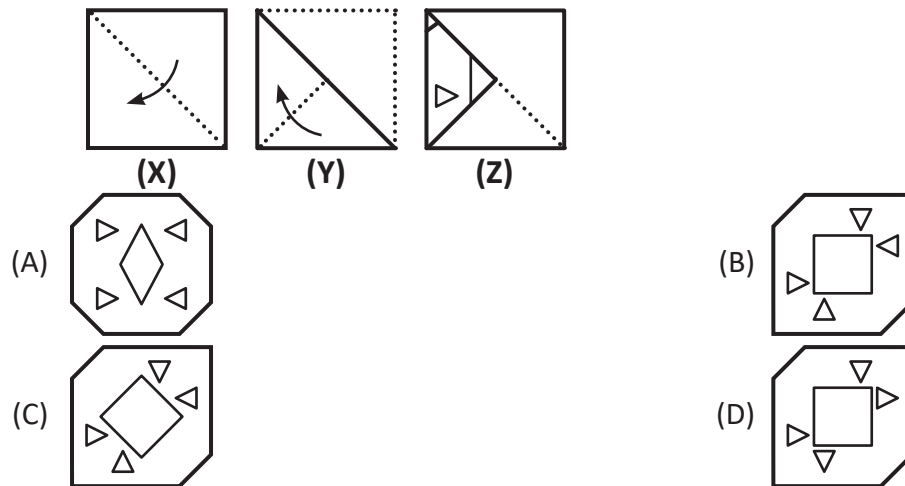
35. In the given diagram, the rectangle stands for 'artists', the square stands for 'musicians', and the triangle stands for 'writers'. The numbers given in the different segments represent the number of individuals in each category. How many artists are either musicians or writers, but not both?

- (A) 28
(B) 46
(C) 49
(D) 73



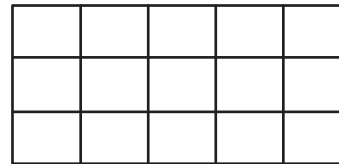
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36. A sheet of paper is folded and punched as shown in figures X, Y and Z. Select the option that correctly shows the pattern when the sheet is unfolded:



37. Count the number of rectangles in the given figure.

- (A) 81
 (B) 72
 (C) 65
 (D) 90



38. In a certain code, ELEPHANT is coded as @?@\$%-÷× and HIPPOPOTAMUS is written as %&\$\$\$*\$*×-!+#. How will MOUSE be written in that code?

- (A) %!*+#\$
 (B) !*+#@
 (C) %!*+#
 (D) !*%#+@

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

- (A) ARQHGVJWP
 (B) AQCMGVJWP
 (C) AQRHGVJWP
 (D) AQRGHVJWP

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

