



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

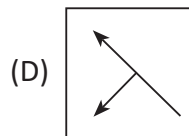
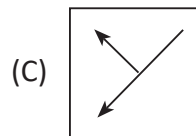
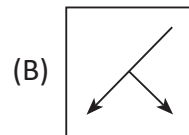
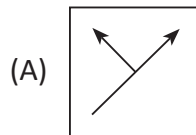
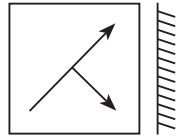
- All questions are compulsory.
- Read the instructions on the **ANSWER SHEET** and fill in your **NAME, CLASS** and **OTHER INFORMATION**.
- To mark your choice of answer by darkening the circles in the **ANSWER SHEET**, use a **BLUE/BLACK BALL PEN** only.
- You **MUST** record your answers on the **ANSWER 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 6

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 following given series.

21504, 5376, 1344, 336, ?

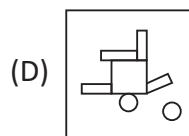
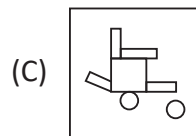
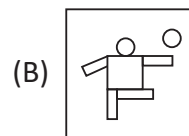
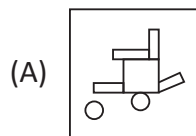
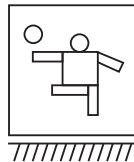
(A) 168

(B) 84

(C) 96

(D) 176

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



4. Study the following alphanumeric series:

\$ 7 D R B # Y 5 M © P 8 * K 7 2 £ E 1 3 N 5 I T @ 3 A R W

Which element is 3rd to the right of 16th from right in the given series?

(A) 2

(B) E

(C) 7

(D) £

5. Select the option in which figure X is embedded/hidden.

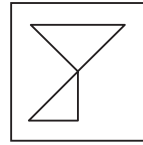
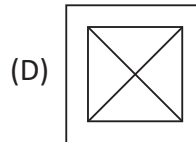
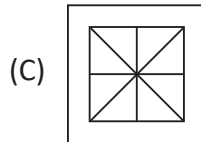
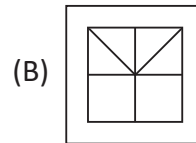
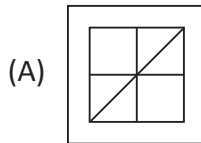
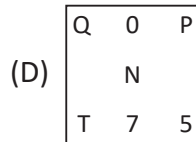
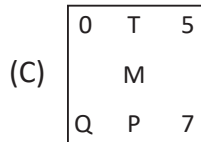
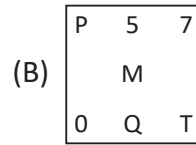
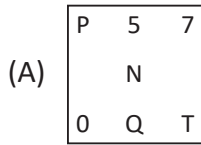
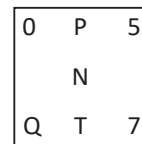
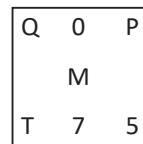
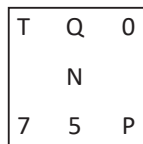
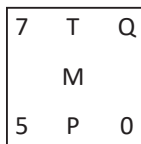


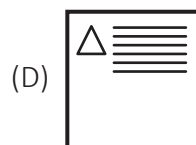
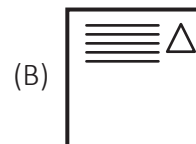
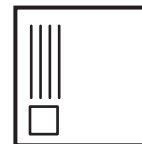
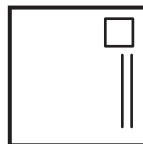
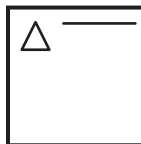
Figure X



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



7. Choose the figure that would replace the question mark '?' to continue the series:



8. In a certain code, CHINA is written as 35, and DESK is written as 39. How will SHINE be written in that code?

(A) 36

(B) 47

(C) 55

(D) 41

GRADE 6

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

Peacock : India :: Bear : ?

- (A) Germany (B) Australia
 (C) Bhutan (D) Russia

10. The following table shows the codes for some letters. Based on this, what is the code for 'CHAIRMAN'?

Letters	R	N	B	S	A	H	C	I	M
Codes	1	!	2	@	3	#	4	\$	5

- (A) 4#351\$3! (B) 4#\$3153!
 (C) 4#351\$3! (D) 4#3\$153!

11. Select the one that is different from the other three.

- (A) Jupiter (B) Venus
 (C) Mars (D) Saturn

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

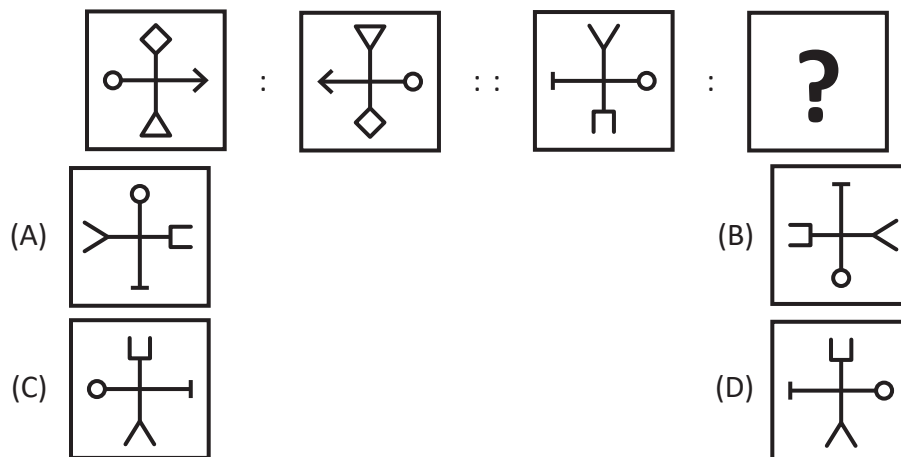
Teeth : Pyorrhoea :: Eye : ?

- (A) Hypertension (B) Asthma
 (C) Diabetes (D) Myopia

13. Find the odd one out.



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



15. Arrange the given words as they occur in the dictionary and select the correct option.

- | | | | | |
|-------------------|----------|-------------------|---------|-------------|
| 1. BODYBUILDER | 2. BOARD | 3. BOOKERS | 4. BOAR | 5. BOOKMARK |
| (A) 4, 2, 1, 5, 3 | | (B) 4, 2, 1, 3, 5 | | |
| (C) 2, 4, 1, 5, 3 | | (D) 4, 2, 5, 1, 3 | | |

16. Select the one that is different from the other three.

- | | |
|--------------|------------|
| (A) Itanagar | (B) Panaji |
| (C) Kolkata | (D) Pune |

17. Which of the following Venn diagrams best represents the relationship amongst Bangles, Necklaces and Ornaments?



18. In a certain code language, MANGOES is coded as XVPLRHU, and RAINBOW is coded as AVBPZRC. What will be the code for the word ORANGE in the same language?

- | | |
|------------|------------|
| (A) ORANLH | (B) RAVPLH |
| (C) RANGLH | (D) RANVPH |

19. Tiya is standing in a line at a movie ticket counter. She is 10th from the back of the line. If 5 new people join the line behind her, how many people are now standing behind her?

- | | |
|--------|--------|
| (A) 15 | (B) 16 |
| (C) 14 | (D) 13 |

20. If 'circle' is called 'square', 'square' is called 'triangle', 'triangle' is called 'rectangle', and 'rectangle' is called 'oval', then which shape has four sides of equal length?

- | | |
|--------------|---------------|
| (A) Triangle | (B) Rectangle |
| (C) Square | (D) Circle |

21. In a race of 5 people, Jaspreet finished before Gaurav but behind David. Javed finished before Kapil but behind Gaurav. Who finished last?

- | | |
|--------------|-----------|
| (A) Jaspreet | (B) David |
| (C) Kapil | (D) Javed |

22. Pointing to a photograph of a boy Javed said, "He is the son of the only son of my mother." How is Javed related to that boy?

- | | |
|-------------|----------------|
| (A) Uncle | (B) Father |
| (C) Brother | (D) Son-in-law |

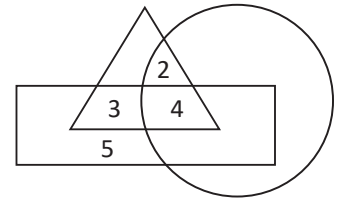
GRADE 6

23. If the letters of the word 'TELEPHONE' are arranged alphabetically from left to right, how many letters will stay in their original positions?
 (A) 1 (B) 2
 (C) 3 (D) 4
24. In a row of 30 students, when Riya was shifted by three places towards the left, she became 6th from the left end. What was her earlier position from the right end of the row?
 (A) 21st (B) 22nd
 (C) 18th (D) 17th
25. In the following series, if the letters in the positions 8, 12, 13 and 15 from the left are picked to form a meaningful word, then the third letter of the word would be ____.

4 W X Z 8 Q P O J 6 G T S V E U H 5 3 B

- (A) T (B) S
 (C) O (D) E

26. In the given diagram, if the triangle represents students, the rectangle represents people who play sports, and the circle represents musicians, what is the number of those musicians who are students but do not play sports?

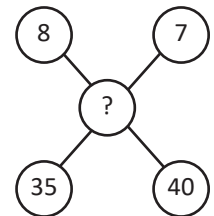
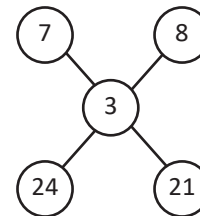
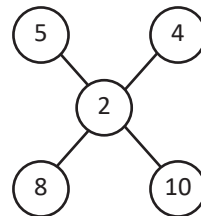


- (A) 4 (B) 3
 (C) 7 (D) 2

Section B (Quantitative Aptitude)

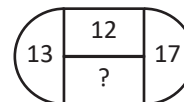
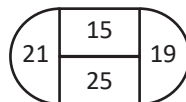
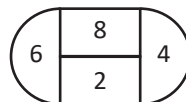
27. If + means $\times$, - means +, $\times$ means $\div$, $\div$ means -, then what is the value of $30 + 20 - 40 \times 20 \div 10$?
 (A) 20 (B) 592
 (C) 600 (D) 438

28. Find the missing number.
 (A) 6
 (B) 4
 (C) 5
 (D) 7



29. If 'X' means '+', 'Y' means ' $\times$ ', 'Z' means ' $\div$ ', and 'W' means '-', then $32 X 6 Z 2 W 1 Y 12 = ?$
 (A) 23 (B) 35
 (C) 42 (D) 63

30. Find the missing number.



- (A) 19 (B) 8
 (C) 28 (D) 18

31. Select the correct combination of mathematical signs to replace 'X' sequentially and balance the following equation: $18 \times 2 \times 3 \times 3 \times 9$
- (A) $\div, \times, =, \times$ (B) $\times, =, -, \div$
 (C) $\times, \div, +, =$ (D) $\div, \times, =, -$
32. If '+' stands for multiplication, '-' stands for division, 'x' stands for subtraction, and '÷' stands for addition, which of the following equations is correct?
- (A) $8 - 4 \div 5 \times 3 + 2 = 11$ (B) $13 \div 4 \times 5 + 6 - 2 = 30$
 (C) $33 - 11 + 1 \div 6 \times 2 = 7$ (D) $33 \times 4 - 2 + 6 \div 2 = 26$
33. Find the missing number.

11	
9	22

17	
13	32

14	
8	?

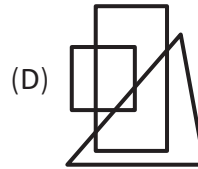
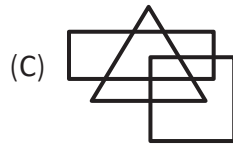
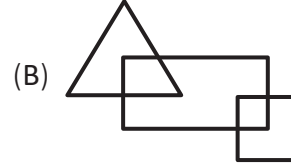
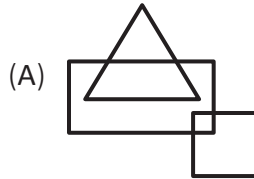
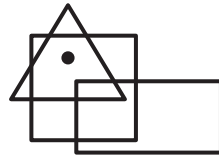
- (A) 22 (B) 24
 (C) 20 (D) 26

Section C (Competency Enhancement)

34. If $A + B$ means A is the mother of B;
 $A \times B$ means A is the father of B;
 $A \$ B$ means A is the brother of B
 and $A @ B$ means A is the sister of B
 then which of the following means P is the son of Q?
- (A) $Q + R @ P \$ N$ (B) $Q + R \times P @ N$
 (C) $Q \times R \$ P @ N$ (D) $Q \times R \$ P + N$
35. In a line of students, Ajay is the 8th from the left and Kavitha is the 12th from the right. When they swap their positions, Ajay moves to the 15th position from the left. What is Kavitha's new position from the right?
- (A) 19th (B) 20th
 (C) 12th (D) 13th
36. If all the letters of the word SUNRISE are replaced by their next letter of the English alphabet, and the letters of the resultant word are written in alphabetical order, then which of the following will be the 5th letter from the right end?
- (A) O (B) J
 (C) S (D) I

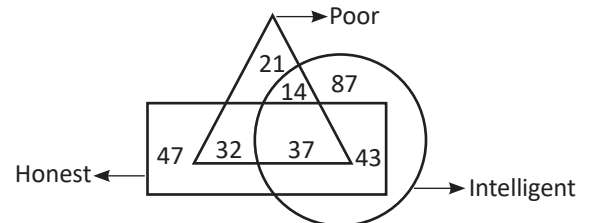
GRADE 6

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



38. According to the given Venn diagram, how many of the honest people are intelligent but not poor?

- (A) 90
(B) 47
(C) 80
(D) 43



39. Rajesh started walking east from his school. After covering 20 metres towards the east, he arrived at a grocery store. From there, he turned right and walked 10 metres to reach a temple, which is situated 15 metres away from a nearby church. Turning right again at the temple, he walked 10 metres further to reach a library, located to the north of the church. In which direction is the church with respect to the grocery store?

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

40. 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:

