



GRADE 5

MATHEMATICS

School Level Examination (SLE) 2025

SUBJECT CODE

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Total Questions: 30

Total Marks: 30

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 30 questions, divided into three sections: A, B, and C.

Section A (Logical Reasoning)

1. Simran is standing in a row. If she is 14th from the left end and 8th from the right end, how many people are standing in the row?

(A) 23

(B) 20

(C) 22

(D) 21

2. Find the missing number.

72	24	6
96	16	12
108	?	18

(A) 18

(B) 20

(C) 16

(D) 12

3. What comes next in the sequence: BNN, DPP, FRR, _____, JVV?

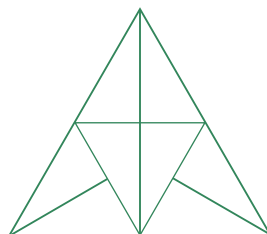
(A) HTT

(B) HSS

(C) GSS

(D) GTT

4. How many triangles are there in the given figure?



(A) 15

(B) 20

(C) 14

(D) 17

5. Few boys are sitting in a row. A is fourteenth from the left and B is seventh from the right end. If there are no boys between A and B and B is on the left of A, then how many boys are there in the row?

(A) 18

(B) 21

(C) 20

(D) 19

Section B (Subject Specific)

6. Anant starts taking a test of 3 hours. Due to an emergency, he left after just 20 minutes. What fraction of time did he sit for the exam?

(A) $\frac{1}{9}$ (B) $\frac{1}{2}$
(C) $\frac{8}{9}$ (D) $\frac{1}{4}$

7. As per the International number system, how many millions are there in the greatest 9-digit number formed by using the given digits only once?

(A) 768 (B) 978
(C) 987 (D) 123

3	2	5
1	6	9
8	4	7

8. Find the value of $A - B + C$.

$$A = 1000 - 45.5 \quad B = 28 + 0.650 \quad C = 0.99 + 0.01$$

(A) 925.85 (B) 926.85
(C) 928.84 (D) 924.85

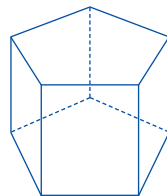
9. A Maths teacher purchased 75 boxes of toffees. Each box had 100 toffees. If he distributed 7 toffees to each student and was left with 850 toffees, then how many students were there in the school?

(A) 875 (B) 950
(C) 960 (D) 975

10. The area of a square park is 100 sq m. How much wire is needed to put 4 rounds of fencing around it?

(A) 100 m (B) 120 m
(C) 160 m (D) 140 m

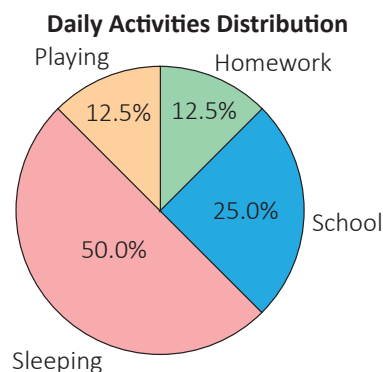
11. Renu wants to make a box of the given shape using craft sheets. How many sheets does she need if one face can be made out of one sheet?



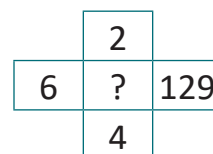
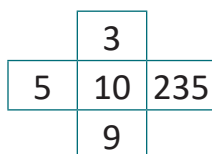
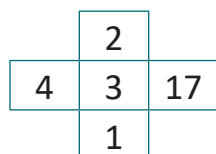
(A) 7 (B) 4
(C) 6 (D) 5

12. What fraction of the day is spent doing schoolwork (school + homework)?

- (A) $\frac{3}{8}$
 (B) $\frac{2}{8}$
 (C) $\frac{2}{12}$
 (D) $\frac{5}{8}$



13. What number should replace the question mark?



- (A) 6
 (B) 7
 (C) 10
 (D) 9

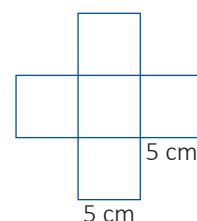
14. The value of P, Q, R and S are _____.

- (A) 7, 3, 6, 7
 (B) 8, 3, 8, 7
 (C) 8, 3, 7, 8
 (D) 8, 3, 7, 6

$$\begin{array}{r}
 7 \text{ P } . 9 \text{ 5} \\
 - 9 \text{ 2 } . 0 \text{ Q} \\
 + \text{ S } 6 . \text{ R } 4 \\
 \hline
 5 \text{ 3 } . 6 \text{ 6}
 \end{array}$$

15. The given figure is the net of an open top cube of edge 5 cm. What is the volume of the cube formed from this net?

- (A) 250 cm^3
 (B) 125 cm^3
 (C) 100 cm^3
 (D) 25 cm^3



16. Sheela's watch shows 12:03 hours. If it is faster than the normal time by 72 minutes, then what is the actual time?

- (A) 13:15 hours
 (B) 11:51 hours
 (C) 11:05 hours
 (D) 10:51 hours

17. Three ropes of lengths 120 m, 180 m, and 240 m long are to be cut into smaller pieces of equal length. What is the maximum length of each piece?

- (A) 20 m
 (B) 30 m
 (C) 60 m
 (D) 80 m

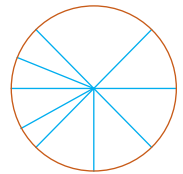
18. How many line segments represent diameters and radii in the given circle, respectively?

(A) 3, 9

(B) 3, 3

(C) 9, 3

(D) 4, 8



19. What fraction of the square is shaded if the line inside divides the square into two equal parts?

(A) $\frac{1}{2}$

(B) $\frac{3}{8}$

(C) $\frac{3}{5}$

(D) $\frac{3}{4}$



20. In a pictograph,    represents 24 children, then     represents:

(A) 48 children

(B) 12 children

(C) 4 children

(D) 32 children

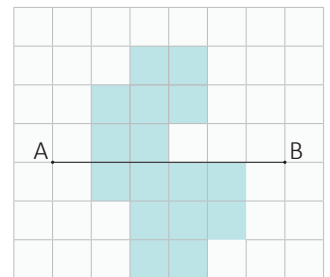
21. What is the least number of squares that must be shaded in the figure so that line AB becomes the line of symmetry?

(A) 4

(B) 2

(C) 1

(D) 3



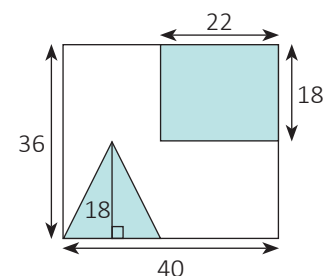
22. In the given figure, two shaded portions of a triangle and a rectangle are given. What is the area of the unshaded portion?

(A) 396 sq. unit

(B) 558 sq. unit

(C) 882 sq. unit

(D) 1440 sq. unit



23. A cuboid has a volume of 6048 cm^3 . If the length is 28 cm and the width is $\frac{3}{7}$ of the length, then the sum of the height and width of the cuboid is

(A) 18 cm

(B) 40 cm

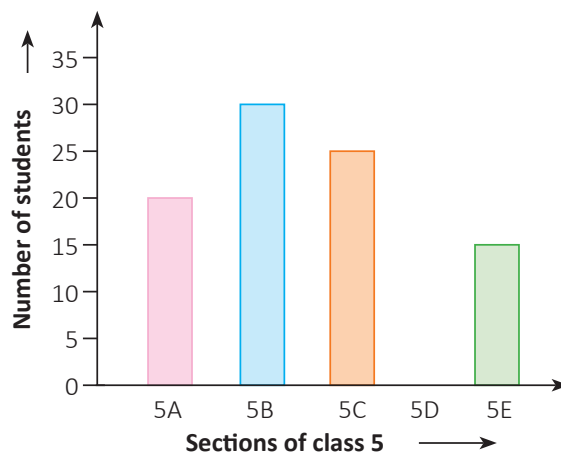
(C) 12 cm

(D) 30 cm

24. The price of mangoes is ₹60 per kg. Rina bought 2.5 kg less than what Arjun bought. If Arjun spent ₹750 on mangoes, how much did Rina spend?
- (A) ₹1000 (B) ₹750
(C) ₹600 (D) ₹500
25. The population of City A is ninety-five lakh seventy thousand. The population of Town B is one-third the population of City A. A new suburb is developed near Town B, with a population of eight lakh fifty thousand, more than half of Town B's population. What is the combined population of City A, Town B, and the suburb?
- (A) 15,95,000 (B) 1,52,05,000
(C) 98,70,000 (D) 31,95,000

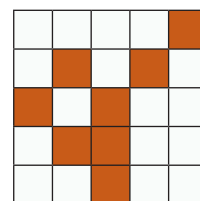
Section C (Competency Enhancement)

26. The given bar graph shows the number of students of five sections of Class 5, who donate to a foundation. Each student donated ₹19. If the total donation is ₹1995, then the number of students of class 5D who donated money is _____.



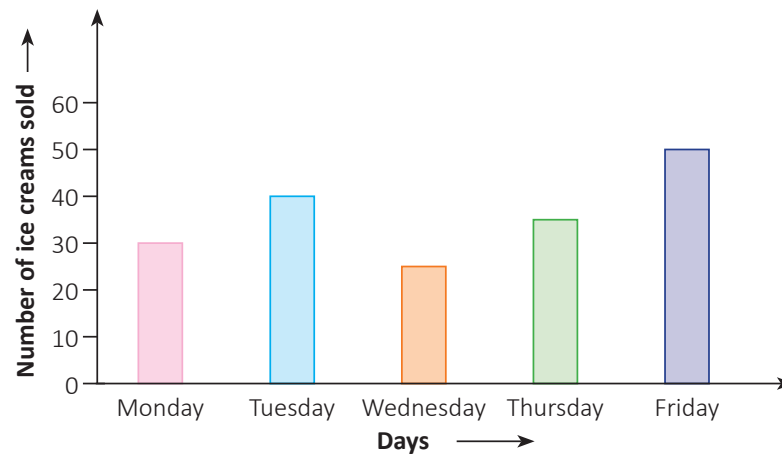
27. The difference between the successor of the smallest 8-digit number and the predecessor of the largest 7-digit number is equal to
- (A) 3 (B) 2
(C) 1 (D) 10

28. The minimum number of squares that must be shaded to make the given figure symmetric is _____



- (A) 1
(B) 2
(C) 3
(D) 4

29. The bar graph shows the number of ice creams sold by a shop in one week:



	Column I		Column II
(a)	The day with the highest sales	(i)	180
(b)	The day with the least sales	(ii)	25
(c)	Total ice creams sold in 5 days	(iii)	Tuesday, Thursday, Friday
(d)	Difference in sales between Wednesday and Friday	(iv)	Wednesday
(e)	Days when sales were more than 30 ice creams	(v)	Friday

Choose the option that matches the columns correctly.

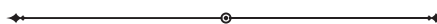
- (A) (a)–(ii), (b)–(i), (c)–(iii), (d)–(v), (e)–(iv) (B) (a)–(i), (b)–(iii), (c)–(ii), (d)–(iv), (e)–(v)
 (C) (a)–(v), (b)–(iv), (c)–(i), (d)–(ii), (e)–(iii) (D) (a)–(i), (b)–(ii), (c)–(iii), (d)–(iv), (e)–(v)

30. Rohan thought of a 6-digit number. The number satisfies the following conditions:

- The units place digit is the largest single-digit odd prime.
- The tens place digit is twice the digit in the lakhs place.
- The hundreds place digit is the only even prime number.
- The thousands place digit is one less than the ten-thousands place digit and less than 6.
- There are exactly three even digits in the entire number.
- All digits are non-repeating.

What number could Rohan have thought of?

- (A) 398267 (B) 345276
 (C) 345267 (D) 354267



SPACE FOR ROUGH WORK