



School Level Examination
SLE 2024

SET:

I



MATHEMATICS

Subject Code:

2	0	1
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Total Questions: 30

Total Marks: 30

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 an **HB PENCIL** only.
- You **MUST** record your answers on the **ANSWER SHEET** only.
- There are **30 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 3

This question paper contains a total of 30 questions divided into three sections — A, B and C.

Section A (Logical Reasoning)


1. Soham says to Neema, “The brother of your sister is my father”. How is Soham related to Neema?

(A) Aunt

(B) Father

(C) Uncle

(D) Nephew

2. If  +  +  +  = 200 and  +  +  = 60, then

( +  + ) - ( +  + ) is _____.

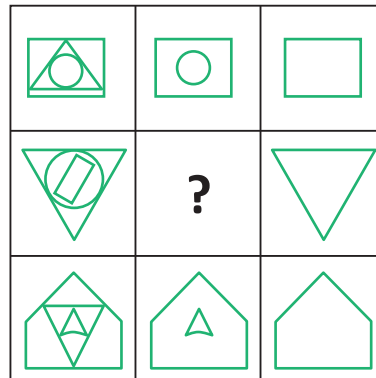
(A) 10 tens

(B) 9 tens

(C) 8 tens

(D) 70 ones

3. Which one of the following figures would replace the ‘?’ in the following matrix?



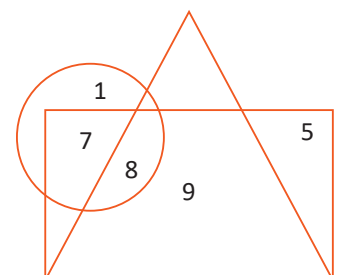
4. Which number in the figure is in the rectangle and the circle and NOT in the triangle?

(A) 8

(B) 7

(C) 6

(D) 5



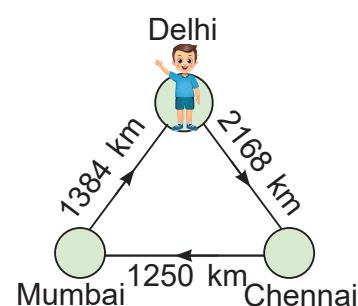
5. If ERA = 2, TOP = 1, GUAVA = 3, then PEAR = _____.
 (A) 1 (B) 2
 (C) 3 (D) 4

Section B (Subject Specific)

6. The sum of 385 and 150 that rounds off to the nearest hundreds is _____.
 (A) 4 hundreds (B) 5 hundreds
 (C) 55 tens (D) 60 tens
7. What will one get on subtracting the smallest 3-digit number from the greatest 3-digit number?
 (A) 900 (B) 899
 (C) 100 (D) 908
8. Akash wants to purchase a geometry box for ₹87.50. He asked his mother for money. Mother offers him to choose the desired amount by picking the correct denominations. What is the correct denomination he chooses?

₹5	₹50	₹10	₹1
₹10	₹100	50 p	₹20
₹10	₹50	₹5	₹2

- (A) ₹20, ₹10, ₹10, ₹5, ₹2, ₹1, 50 p (B) ₹10, ₹10, ₹10, ₹50, ₹2, ₹1, 50 p
 (C) ₹50, ₹20, ₹10, ₹5, ₹2, 50 p (D) ₹20, ₹10, ₹10, ₹10, ₹5, ₹1, 50 p
9. Dinesh leaves Delhi and goes to his grandparent's house in Chennai, then he moves to Mumbai to visit Film City and finally returns to Delhi. How much distance does Dinesh cover?



- (A) 4,824 km
 (B) 4,822 km
 (C) 4,812 km
 (D) 4,802 km

10. What number comes next in the given pattern?

5969, 5979, 5989, 5999, _____

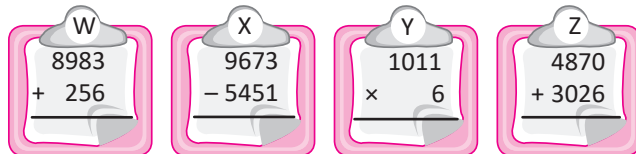
- (A) 6909 (B) 6009
 (C) 6010 (D) 6210

GRADE 3

11. The different branches of a school have equal number of students. If there are 197 boys and 213 girls in a branch, how many students are there in 6 such branches?

(A) 2800 (B) 1750
(C) 2460 (D) 1200

12. Which of the following has the minimum value?



(A) W (B) X
(C) Y (D) Z

13. How many times exactly two Xs occur together?

X Y X X Y X Y Y X Y X Y Y X X Y X Y X X

(A) 5 (B) 4
(C) 2 (D) 3

14. If $\clubsuit = \heartsuit + \heartsuit + \smiley + \smiley$ and $\heartsuit = \smiley + \smiley + \smiley + \smiley$, then how many \smiley makes \clubsuit ?

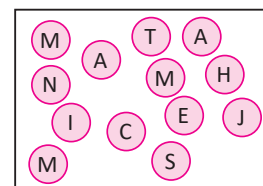
(A) 6 (B) 8
(C) 10 (D) 12

15. Zoya has 477 hairbands. If she keeps them equally in 15 packets, how many hairbands does she put in each packet? And how many hairbands are left?

(A) 31, 2 (B) 30, 7
(C) 31, 12 (D) 32, 3

16. In the given group of letters, the fraction for the alphabets that come between A and M is _____.

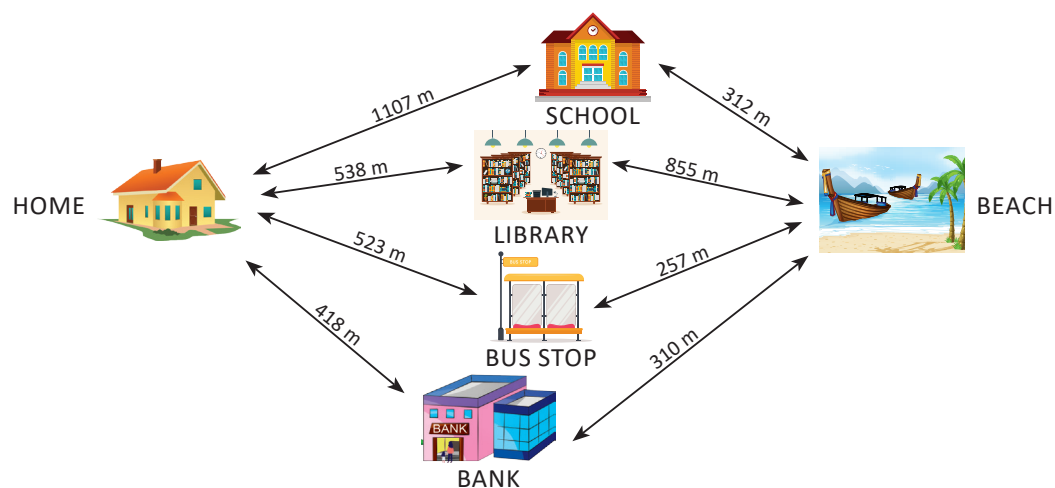
(A) $\frac{5}{13}$ (B) $\frac{5}{8}$
(C) $\frac{8}{13}$ (D) $\frac{10}{13}$



17. What will come next in the given pattern?



18. Reena walked from her home to the beach using the shortest path. Study the map (not drawn to scale) which shows four different ways of reaching the beach from home.



The shortest way of reaching the beach from home is through _____.

(A) SCHOOL

(B) BANK

(C) LIBRARY

(D) BUS STOP

19. Raman bought a kettle and a set of 6 cups for ₹900. The cost of kettle is thrice as much as the cost of a cup. How much did the kettle cost?

(A) ₹200

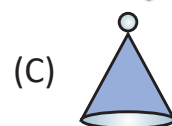
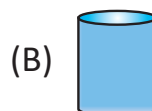
(B) ₹400

(C) ₹150

(D) ₹300

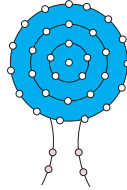


20. Which of the following has maximum number of plane faces?

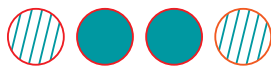


GRADE 3

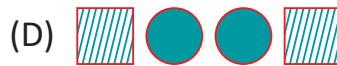
21. Sonali earns ₹15,500 per month. She spends ₹13,800 every month and saves the remaining amount. How much does Sonali save in 5 months?
- (A) ₹8,500 (B) ₹700
 (C) ₹8,000 (D) ₹19,000
22. How many circles are used to make the given tree?



- (A) 33 (B) 31
 (C) 38 (D) 35
23. If = 1 whole, then the fraction representing + is a/an ____.
- (A) proper fraction (B) unit fraction
 (C) mixed fraction (D) All of these
24. Meena made this pattern with balls:

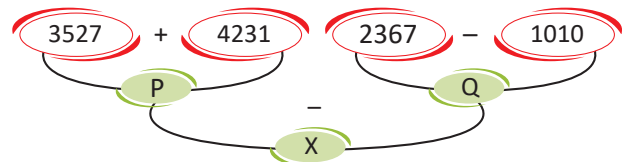


Which of the following uses a rule most different from Meena's pattern?



25. What is the value of X in the given number tree?

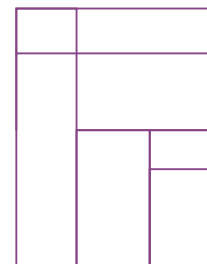
- (A) 6,401
 (B) 6,301
 (C) 9,115
 (D) 9,015



Section C (Competency Enhancement)

26. How many rectangles are there in the given figure?

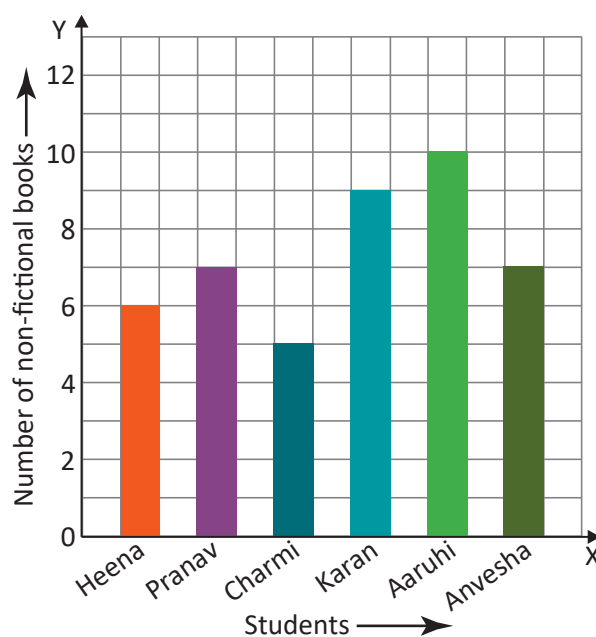
- (A) 7
(B) 14
(C) 15
(D) 16



27. Sohani's sister is coming from Mumbai to Delhi by flight. She was supposed to reach Delhi at 11:30 am. But the flight got delayed by 4 hours 20 minutes. By what time will she land at Delhi?

- (A) 4 pm (B) 4:50 pm
(C) 3:40 pm (D) 3:50 pm

28. A group of six students counted the number of non-fictional books they had. One of them made a graph given below to show their counts.



Find the pair of students who together have 2 more than a dozen books. But none of them have the books equals to the greatest one-digit number.

- (A) Heena and Pranav (B) Charmi and Karan
(C) Pranav and Aaruhi (D) Anvesha and Pranav

**GRADE
3**

29. Mrs. Sinha wrote a 3-digit number on the blackboard. Three students Gopi, Rajiv, and Nisha said the following about that number:

Gopi: It is a 3-digit number but not the greatest.

Rajiv: It is the successor of the least 3-digit number.

Nisha: It has three different digits.

What is the number, if only two of the three students said the truth?

- (A) 110 (B) 998
(C) 100 (D) 987
30. Kelly needs a new pair of laces for her cheerleading shoes. Her mom gave her one-third of ₹90, one-half of ₹50, and double of ₹10. The laces are priced at thrice of ₹25. Does she have enough money to buy the laces for her shoes?
- (A) No – She only has ₹57 (B) Yes – She has ₹75
(C) Data inadequate (D) No – She is short of ₹10