Session 2023-24

Class VII

MATHEMATICS

Time: 1 hour	**Full Marks: 50**

1. (a) Write in numeral form: [2]
   Thirty two lakh sixty thousand two hundred and eleven.
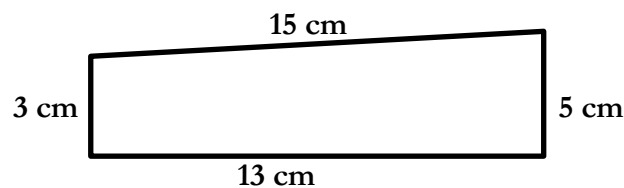
   (b) Write in word: 7 2 4 0 5 8 3 3 [3]

2. Use the appropriate symbol $<$ *or* $>$ to fill in the boxes: [2]

   (a) -82 ☐ -80 (b) -25431 ☐ -24531

   (b) Arrange in ascending order: 304, 340, 34, 43, 430 [3]

3. (a) Find the H C F of 48 and 60. [2]

   (b) Reduce into simplest form: $\dfrac{150}{350}$ [3]

4. (a) Find the L C M of 12, 16 and 36. [3]

   (b) Find the perimeter of the figure given below: [2]

   (c) Evaluate: (i) $\dfrac{3}{5}$ X 180 [2]

   (ii) $\dfrac{5}{18}$ ÷ $\dfrac{2}{3}$ [3]

6. Evaluate (i) 0.79 X 32.4 [2]

   (ii) 2.46 ÷ 6 [3]

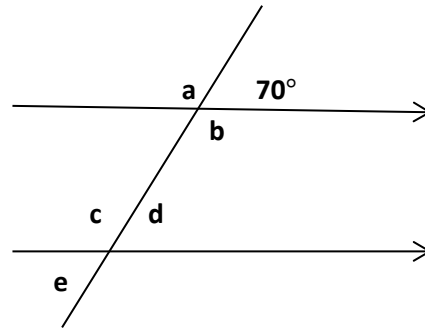7.   (a) Express in simplest form:

    (i)   81 : 108   (ii) 1 minute ; 15 seconds   [2+3]

8.   In a class of 60students, 45% are girls. Find the number of boys in the class.   [5]

9.   Find the value of a, b, c, d and e :

a = _____   **b =** _____   **c =** _____   **d =** _____   **e =** _____   [5]

10. (a) Find the area of a rectangle of length 30 cm and breadth 14 cm.   [2]

    (b) If the cost of 10 m cloth is Rs. 650, find the cost of 3 m cloth.   [3]