



Standard 6 MATHS

Time: 1.00 Hrs.

Marks: 30

4×1=4**I. Choose the best answer:**1) The reciprocal of $\frac{53}{17}$ is

a) $\frac{53}{17}$

b) $5\frac{3}{17}$

c) $\frac{17}{53}$

d) $3\frac{5}{17}$

2) If $\frac{6}{7} = \frac{A}{49}$, then the value of A is

a) 42

b) 36

c) 25

d) 48

3) One units to the right of -7 is _____

a) +1

b) -8

c) -7

d) -6

4) If every side of a rectangle is doubled, then its area becomes _____ times

a) 2

b) 3

c) 4

d) 6

II. Fill in the blanks:**3×1=3**

5) The number which has its own reciprocal is _____

6) Area of the triangle _____

7) Perimeter of the square _____

III. Say True or False:**3×1=3**

8) The reciprocal of an improper fraction is always a proper fraction.

9) -10 and 10 are at equal distance from 1.

10) All whole numbers are integers.

IV. Answer any four questions:**4×2=8**11) Convert $5\frac{3}{7}$ into an improper fraction.12) Multiply: $3\frac{5}{7} \times 1\frac{1}{13}$

13) Using the number line, write the integer which is 5 more than -6.

14) Find the opposite of the following numbers (i) 44 (ii) -19

15) Find the perimeter of a triangle whose sides are 3 cm, 4 cm and 5 cm.

16) Fill in the blanks:

(i) $5 \text{ cm}^2 = \text{_____ mm}^2$

(ii) $8 \text{ km}^2 = \text{_____ m}^2$.

V. Answer any four questions:**4×3=12**17) An oil tin contains $3\frac{3}{4}$ litres of oil of which $2\frac{1}{2}$ liters of oil is used. How much oil is left over?18) A rod of length 6 cm is cut into small rods of length $1\frac{1}{2}$ m each. How many small rods can be cut?

19) Arrange the following integers in ascending order:

-28, 6, -5, -40, 8, 0, 12, -1, 4, 22

20) Find the predecessor and successor of (i) 0 and (ii) -8 on a number line

21) Find the perimeter and the area of the rectangle whose length is 6 m and breadth is 4 m.

22) Find the perimeter and the area of the following 'L' shaped figure:

