

MATHS

Time: 1.30 hours

Marks: 50

5 x 1 = 5

I. Choose the correct answer:

1. Which of the following statement is incorrect?

- a) $\frac{1}{2} > \frac{1}{3}$ b) $\frac{7}{8} > \frac{6}{7}$ c) $\frac{8}{9} < \frac{9}{10}$ d) $\frac{10}{11} < \frac{9}{10}$

2. The difference between $\frac{3}{7}$ and $\frac{2}{9}$ is

- a) $\frac{13}{63}$ b) $\frac{1}{9}$ c) $\frac{1}{7}$ d) $\frac{9}{16}$

3. The opposite of 20 units to the left of 0 is _____.

- a) 20 b) 0 c) -20 d) 40

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

- a) 2 b) 3 c) 4 d) 6

5. Which of the following letter does not have a line of symmetry?

- a) A b) P c) T d) U

5 x 1 = 5

II. Fill in the blanks :

6. The number which has its own reciprocal is _____.

7. The potable water available at 100 m below the ground level is denoted as _____ m.

8. _____ is an integer which is neither positive nor negative.

9. $5 \text{ cm}^2 = \underline{500} \text{ mm}^2$.

10. An equilateral triangle has _____ line of symmetry.

5 x 1 = 5

III. Say True or False :

11. The reciprocal of an improper fraction is always a proper fraction.

12. Each of the integers -18, 6, -12, 0 is greater than -20.

13. All negative integers are greater than zero.

14. In a square, all the sides are equal in length.

15.  has no line of symmetry.

IV. Match the following :

5 x 1 = 5

16. $\frac{2}{5}$ Negative integer

17. -5 Mixed fraction

18. 4 One line of symmetry

19. $4\frac{1}{2}$ Proper fraction

20. U Positive integer

(2)

V. Answer any five (5) questions only.

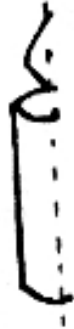
21. Convert $5\frac{3}{7}$ into an improper fraction.22. Multiply: $\frac{2}{3} \times 6$

23. Write the opposite of 44

24. On the number line which number is 4 units to the right of -7?

25. Find the perimeter and area of a square whose side is 6 cm.

26. Complete the other half of the figure such that the dotted line is a line of symmetry.



27. Find the area and perimeter of a rectangle whose length and breadth are 5 cm and 8 cm respectively.

VI. Answer any five (5) of the following :

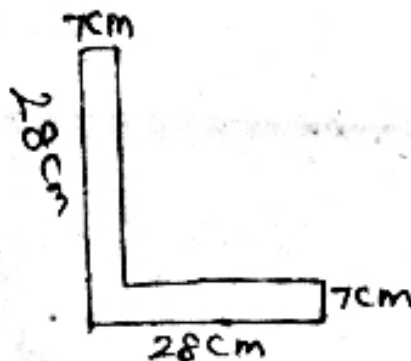
5 x 4 = 20

28. Add: $3\frac{2}{4} + 7\frac{2}{5}$ 29. Divide $\frac{4}{3} \div \frac{5}{9}$

30. Write all the integers between the given numbers: -3 and 3

31. Arrange the following integers in ascending order:
-100, 10, -1000, 100, 0

32. Find the perimeter and area of the following.



33. An isosceles triangle with equal sides 10 cm each and third side is 7 cm, find its perimeter.

34. Draw the lines of symmetry in a square.
