

**THIRD TERM SUMMATIVE EXAM - 2024****6 - STD****MATHS**

Marks : 60

TIME: 2.00 Hrs

**I. Choose the Correct answer.**

5 x 1 = 5

1. Which of the following 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. There are ..... positive integers from -5 to 6

a) 5

b) 6

c) 7

d) 11

3. If every side of rectangle is doubled its area becomes ..... times.

a) 2

b) 3

c) 4

d) 6

4. Which word has line of symmetry?

a) DAD

b) NUN

c) MAM

d) EVE

5. The 11th term in Lucas Sequence is 1, 3, 4, 7 is .....

a) 199

b) 76

c) 123

d) 47

**II. Fill in the blanks.**

5 x 1 = 5

6. The sum of whole number and proper fraction is called .....

7. -46 is to the ..... side of -35 on number line

8. Reciprocal of  $\frac{2}{7}$  is .....

9. Order of rotational symmetry of Z is .....

10. The reflected image of 'q' is .....

**III. Say True and False**

5 x 1 = 5

11. The sum of any two proper fraction is always an improper fraction.

12. -1 is to the right of 0.

13. Area of rectangle is 4 x 5

14. Order of rotational symmetry of circle is infinite.

15. Next term of sequence 1, 1, 2, 3, 5 is 8.

**III. Match**

5 x 1 = 5

16.  $5\frac{1}{3} - 3\frac{1}{2} = 15$

17.  $\frac{16}{5} = S \times S$

18. Area of Square = 2 line of symmetry

19. Rectangle = an improper

20. Opposite of -15 =  $\frac{11}{6}$

**V. Answer any 10 questions.**

10 x 2 = 20

21. Convert  $\frac{17}{3}$  into a mixed fraction.22. Simplify :  $\frac{3}{7} + \frac{2}{3}$ **6 - MATHS - PAGE 1**

23.  $\frac{8}{9} - \frac{2}{7}$

24. Multiply :  $\frac{2}{3} \times 6$

25. Divide :  $\frac{4}{3} \div \frac{5}{9}$

26. Represent as integers i) gain of ₹1000 ii) 20°C below 0°C

27. Put appropriate Signs as (>, <, =) i) -999  -1000 ii) 0  -100

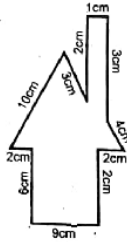
28. Write all integers between -5 and 4.

29. Find perimeter of triangle whose sides are 3cm, 4cm and 5cm.

30. If length is 5cm, breadth is 8cm find area of rectangle.

31. Find the side of square whose perimeter is 8cm.

32. Find perimeter



33. Draw the reflection image. i) P |

ii) |

VI. Answer any FIVE of the following.

34. Find the opposite numbers of i) 44 ii) -19 iii) 0

5 x 3 = 15

35. Find order of rotation of i)



ii)



iii)



36. i)  $2\text{cm}^2 = \dots\dots\dots \text{mm}^2$  ii)  $18\text{m}^2 = \dots\dots\dots \text{cm}^2$  iii)  $5\text{km}^2 = \dots\dots\dots \text{m}^2$

- 37. i) Squares - one line of symmetry
- ii) parallelogram - 4 lines of symmetry
- iii) Isosceles triangle - No line of symmetry

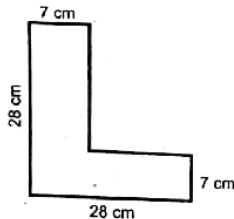
38. using the number line write the integer which is 5 more than -6.

39. Saravana's father bought  $2\frac{3}{4}\text{m}$ ,  $2\frac{1}{2}\text{m}$ ,  $1\frac{1}{4}\text{m}$  cloth. Find the length of cloth bought by him.

40.  $4\frac{1}{2} \div 3\frac{1}{2}$

VII. Answer any one of the following.

1 x 5 = 5



41. (a) Find perimeter and Area.

(OR)

(b) Arrange in ascending order : -11, 12, -13, 14, -15, 16, -17, 18, -19, -20