

COMMON THIRD SUMMATIVE EXAMINATION - 2023

C

Standard VI

Reg No

MATHS

Time : 2.00 hrs

Part - I

Marks : 60

I. Choose the correct answer:

5 x 1 = 5

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. There are _____ positive integers from -5 to 6.

a) 5

b) 6

c) 7

d) 11

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

a) 2

b) 3

c) 4

d) 6

4. Which word has a vertical line of symmetry?

a) DAD

b) NUN

c) MAM

d) EVE

5. The 11th term in the Lucas sequence 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 a whole number and a proper fraction is called _____.

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

8. $26\text{m}^2 = \text{_____ cm}^2$.

9. The order of rotational symmetry of the letter 'z' is _____.

10. The reflected image of the letter 'q' is _____.

III. Say true or false.

5 x 1 = 5

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

12. -1 is to the right of 0.

13. Perimeter of square is $P = (4 \times S)$ units

14. Order of rotation of a circle is infinite.

15. The next term in the sequence 15, 17, 20, 22, 25 is 26

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5 x 1 = 5

IV. Match the following :

16. $5\frac{1}{3} - 3\frac{1}{2} = 312$

17. $\frac{16}{5}$ is = (S x S) sq units

18. Area of square = No line of symmetry

19. Parallelogram = an improper fraction

20. Opposite of -312 is = $1\frac{5}{6}$

V. Answer any 10 of the following :

21. Convert $\frac{17}{3}$ into a mixed fraction.

10 x 2 = 20

22. Simplify : $\frac{3}{7} + \frac{2}{3}$

23. Find the difference between $\frac{8}{9}$ and $\frac{2}{7}$

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

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

26. If 15 km cost of a place is denoted as +15 km, what is the integer that represents 15 km west of it?

27. Put the appropriate signs as <, > or = in the box.

i) $-999 \square -1000$ ii) $-111 \square -111$

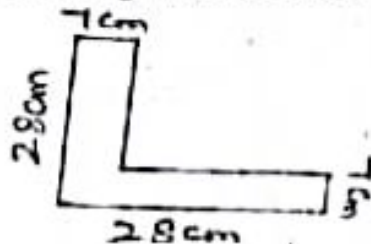
28. Write all the integers between -5 and 4.

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

30. If the length of a rectangle 5 cm and the breadth is 8 cm, then find its area.

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

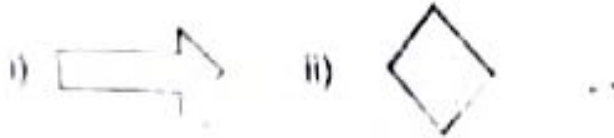
32. Find the perimeter of the following 'L' shaped figure.



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- 33 Find the area of a square of the side 15 cm.
- 34 Draw the lines of symmetry for the given figures and also find the number of lines of symmetry.



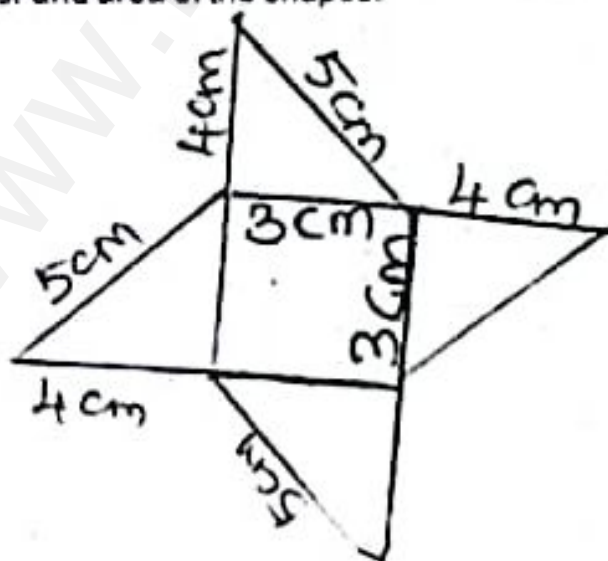
- 35 Draw the reflection image of the following figures about the given line.



VI. Answer any 5 of the following :

5 x 3 = 15

36. Gowri purchased $3\frac{1}{2}$ kg of tomatoes, $\frac{3}{4}$ Kg of brinjal and $1\frac{1}{4}$ kg of onion. What is the total weight of the vegetables she bought?
37. An oil tin contains $3\frac{3}{4}$ litres of oil of which $2\frac{1}{2}$ litres of oil used. How much oil is left over?
38. On the number line, which number is
- i) 4 units to the right of -7? ii) 5 units to the left of 3?
39. Find the opposite of the following numbers : i) 44 ii) -19 iii) 0 iv) -312 v) 789
40. Find the cost of fencing a square plot of side 12 m at the rate of ₹15 per metre.
41. Find the perimeter and area of the shapes.



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42. Find the area of a right angled triangle whose base is 18 cm and height is 12 cm.
43. Draw the lines of symmetry for an equilateral triangle and a square. Also, find the number of lines of symmetry

VII. Answer any one of the following :

1 x 5 = 5

44. Draw a number line and mark the integers

6, -5, -1, 4 and -7 on it

45. Arrange the following integers in ascending and descending order.

-99, -120, 65, -46, 78, 400, -600

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