◆ FIRST TERM SUMMATIVE EXAMINATION - 2024
Standard - VI

Time: 2.00 hrs   **MATHEMATICS**   **Marks:60**

25|5|24

I Choose the Correct answer.   5x1=5

1. $\dfrac{59}{1}$ is

   a) 1   b) 0   c) $\dfrac{1}{59}$ d) 59

2. If y+7=13, then the value of y is

   a) y=5   b) y=6   c) y=7   d) y=8

3. An equivalent ratio of 4 : 7 is

   a) 1 : 3   b) 8 : 15   c) 14 : 8   d) 12 : 21

4. Which of the following represent a line segment

   a) AB   b) $\overrightarrow{AB}$ c) $\overleftrightarrow{AB}$ d) $\overline{AB}$

5. The tally marks 卌 |||| represent the number count

   a) 5   b) 8   c) 9   d) 10

II Fill in the blanks   5x1=5

6. The place value of 5 in 7005380 is _____

7. If 7 x 46 = 322 then 46 x 7 = _____

8. 3 : 5 = 9 : _____

9. A ray has _____ end points.

10. The collected information is called _____

III Say True or False   5x1=5

11. 3 + 9 x 8 = 96

12. 0 is the identity for multiplication of whole numbers.

13. The product of q and 20 is 20q.

14. If 40 is divided in the ratio 3 : 2, then the larger part is 24.

15. 90° is the right angle.

IV Match the following: 5x1=5

16. The successor of 4576   -   2P

17. (53+49) x 0   -   4577

18. Twice P   -   0

19. 4 weeks   -   pictogram

20. Pictograph   -   28 days

V Answer any 10 questions   10x2=20

21. Simplify : $(10+17) \div 3$

22. How many thousands are there in 1 lakh?

23. Write the number name of the numeral 345, 678 in the Indian System.
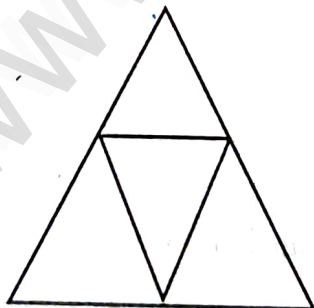
24. Complete the following Pattern.

$$9 - 1 =$$
$$98 - 21 =$$
$$987 - 321 =$$
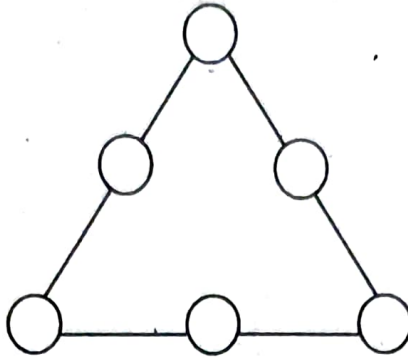$$9876 - 4321 =$$
$$98765 - 54321 =$$

25. What is the value of S, if 2S-6 gives 30?

26. Find the simplified form of the ratio 20 : 5.

27. By proportionality law, check whether 3 : 2 and 30 : 20 are in proportion.

28. Akilan walks 10 k.m in an hour while Selvi walks 6 k.m. in an hour. Find the simplest ratio of the distance covered by Akilan to that of Selvi.

29. Find the complementary angle of 85°.

30. What is the tally marks for the number 8?
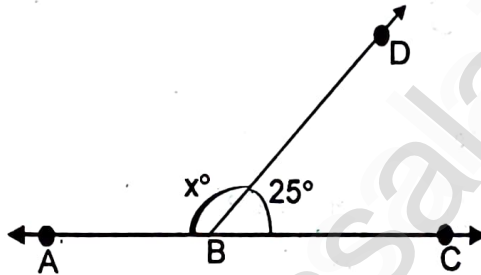
31. How many triangles are there in the figure?

32. Fill up the circle with the numbers from 1 to 6 without repetition so that each side of the magic triangle adds sum of 12.

33. Find the value of x in the given figure.

VI Answer any 5 questions   5x3=15

34. Write the following numbers in the descending order.

128435, 10835, 21354, 6348, 25840

35. Simplify : 24 + 2 x 8 ÷ 2 - 1

36. Athiyan and Mugilan are brothers. Athiyan is P years old and Mugilan is elder to Athiyan by 6 years. Write an algebraic statement for this and find the age of Mugilan if Athiyan is 20 years old.

37. Kumaran has Rs.600 and wants to divide it between Vimala and Yazhini in the ratio 2:3 Who will get more and how much?

38. Two complementary angles are in ratio 7 : 2. Find the angles.

39. Diya is fond of reading books. The number of pages read by her on each day during the last 40 days leave are given below. Make a Tally Marks table.
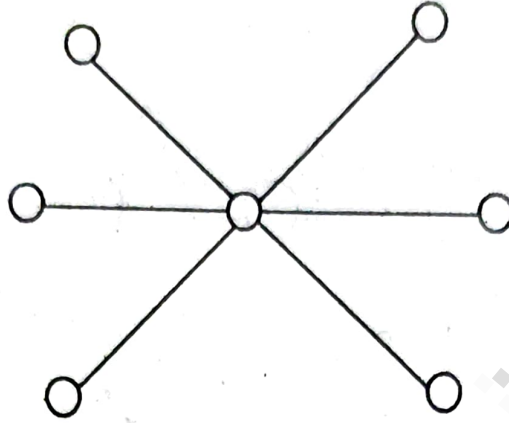
1 3 5 6 6 3 5 4 1 6 2 5 3 4 1 6 6 5 5 1

1 2 3 2 5 2 4 1 6 2 5 5 6 5 5 3 5 2 5 1

40. Put the numbers from 1 to 7 in the circles so that each straight line of three numbers add up to the same total.

VII Answer any one question

1x5=5

41. a) Use a protractor to draw an angle 90°.

(OR)

b) With the help of a ruler and compass, draw a line segment PQ = 5.5cm.

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