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FIRST TERM SUMMATIVE EXAMINATION - 2024**Standard - VI****Time: 2.00 hrs****MATHEMATICS****Marks:60****I Choose the Correct answer.****5x1=5**

- The successor of 10 million is
a) 100001 b) 10000001 c) 9999999 d) 100001
- The number of days in 'W' weeks is
a) $30+W$ b) $30W$ c) $7+W$ d) $7W$
- The ratio of the number of sides of a triangle to the number of sides of a rectangle is
a) 4:3 b) 3:4 c) 3:5 d) 3:2
- A line is denoted as
a) AB b) \vec{AB} c) \overleftrightarrow{AB} d) \overline{AB}
- The representation of 'one picture to many objects' in a pictograph is called _____
a) Tally mark b) Pictoword c) Scaling d) Frequency

II Fill in the blanks**5x1=5**

- 48792 _____ 48972 [$>$ or $<$ or $=$]
- $17 \times$ _____ $= 34 \times 17$
- If 'P-5' gives 12 then 'P' is 17
- Ratio of Rs.3 to Rs.5 = $\frac{3}{5}$
- The collected information is called data

III Say True or False**5x1=5**

- $3 + 9 \times 8 = 96$
- The product of 'q' and 20 is '20q'.
- The ratio of 130c.m to 1m is 13:10.
- 5:7 is equivalent to 21:15.
- 88° and 12° are complementary.

IV Match the following:**5x1=5**

- 10000 - 1 - 8
- $\frac{59}{1}$ - Right angle
- $4:5 =$ _____ :10 - 9
- 90° - 9999
- |||| - 59

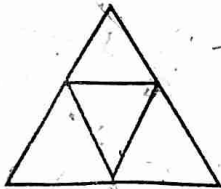
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VI Maths

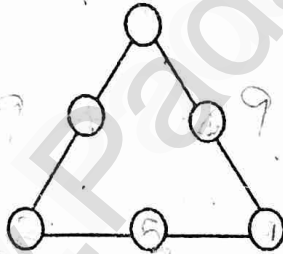
6x2=12

V Answer any six questions from the following

21. How many ten thousands are there in the smallest 6 digit number?
22. Round off 4,065 to hundred place. 2
23. If 'u' is an even number, how would you represent
 - (i) the next even number?
 - (ii) The previous even number?
24. The cost of parking a bicycle is Rs.5 and the cost of parking scooter is Rs.15. Find the simplest ratio of the parking cost of a bicycle to that of a scooter.
25. Give two equivalent ratios for 3:2. 2
26. Find the complementary angle of 85° .
27. Give an example for Primary Data and Secondary data.
28. How many triangles are there in the given figures?



29. In the following magic triangle, arrange the numbers from 1 to 6, so that you get the same sum on all its sides.



VI Answer any four questions from the following

4x5=20

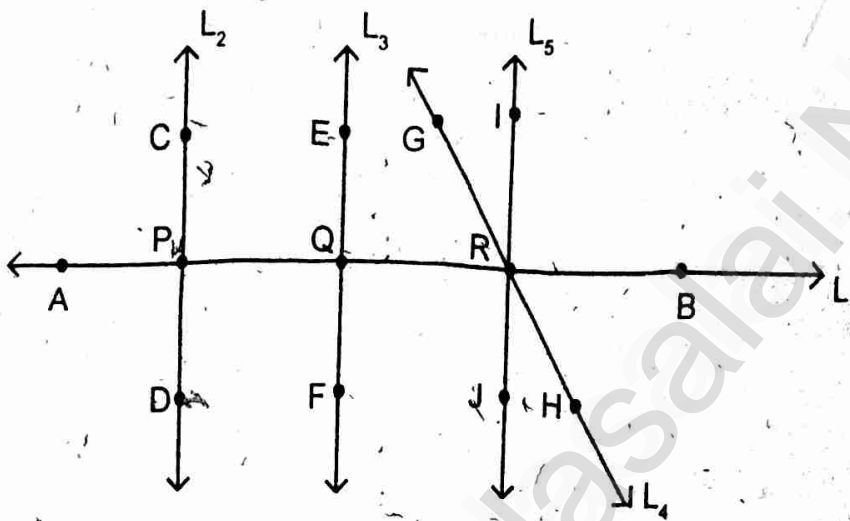
30. Rajan writes a 3 - digit number, using the digits 4, 7 and 9. What are the possible numbers he can write?
31. Use the properties of whole numbers and simplify 50×102 .
32. Complete the table and find the value of 'K' for which $\frac{K}{3}$ gives 5.

| | | | | | | |
|---------------|---|---|---|----|----|----|
| K | 3 | 6 | 9 | 12 | 15 | 18 |
| $\frac{K}{3}$ | 1 | 2 | 3 | 4 | 5 | 6 |

(3)

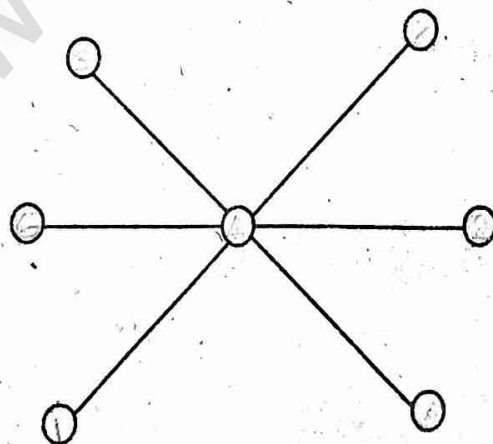
VI Maths

33. 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?
34. From the given figure, name the
- (i) intersecting lines
 - (ii) Points of intersection.



35. Thamarai is fond of reading books. The number of pages read by her on each day during the last 40 days 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

36. Put the numbers 1, 2, 3, 4, 5, 6 & 7 in the circles so that each straight line of three numbers add up to the same total.



(4)

VI Maths

VII Answer any one of the following

1x8=8

- 37. With the help of a ruler and compass draw a line segment PQ=5.5cm.
- 38. Draw and label the angle $\angle NAS=90^\circ$.

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