

Class : 6

Register
Number

FIRST TERM - SUMMATIVE ASSESSMENT(SA) - 2024 - 25

Time Allowed : 2.00 Hours]

MATHEMATICS

[Max. Marks : 60

PART - I

- I. Choose the correct Answer. 5x1=5
- 1 Billion is equal to -----
(a) 100 crore (b) 100 million (c) 100 lakh (d) 10,000 lakh
 - The value of Y in $Y + 7 = 13$ is -----
(a) $Y = 5$ (b) $Y = 6$ (c) $Y = 7$ (d) $Y = 8$
 - The ratio of ₹1 to 20 paise is -----
(a) 1 : 5 (b) 1 : 2 (c) 2 : 1 (d) 5 : 1
 - A line is denoted as
(a) AB (b) \overrightarrow{AB} (c) $\leftrightarrow AB$ (d) \overline{AB}
 - The tally marks |||| represents the number count -----
(a) 5 (b) 8 (c) 9 (d) 10

- II. Fill in the Blanks. 5x1=5
6. If Arulmozhi saves ₹12 per day, then she saves ₹ ----- in 30 days.
 7. The algebraic statement of 'S' divided by 5 is -----
 8. $6 : \text{-----} = 1 : 2$.
 9. A line through two end points 'A' and 'B' is denoted by -----
 10. The collected information is called -----

- III. Match the following. 5x1=5
11. x is increased by 21 - x is reduced by 6
 12. $x - 6$ - $10 \div m$
 13. 10 divided by m - $x + 21$
 14. Complementary angle of 30° - 25°
 15. Supplementary angle of 165° - 60°

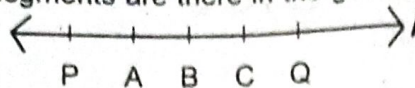
- IV. Say True or False 5x1=5
16. Multiplication is distributive over addition for whole numbers.
 17. The product of q and 20 is $20q$.
 18. $5 : 7$ is equivalent to $21 : 15$.
 19. 20° and 70° are complementary.
 20. The successor of a one digit number is always a one digit number.

PART - II

- V. Answer any 10 of the following. 10x2=20
21. The number of employees in the Indian Railways is about ten lakhs. Write this in the International System of Numeration.
 22. Arrange the following numbers in the descending order:
128435, 10835, 21354, 6348, 25840.
 23. Use the property of whole numbers and Simplify. 50×102 .
 24. Arivazhagan is 30 years younger to his father. Write Arivazhagan's age in terms of his father's age.
 25. Answer the following.
 - i) If 'g' is equal to 300 what is the value of $g - 1$ and $g + 1$?
 - ii) What is the value of 'S', if $2s - 6$ gives 30?

V / 6 / Mat / 1

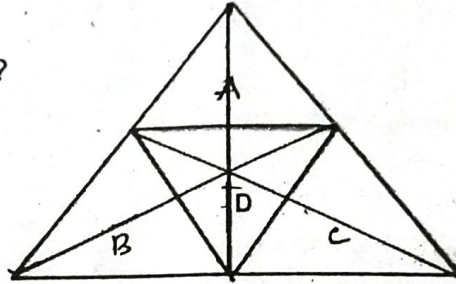
26. Akilan walks 10 Km in an hour while selvi walks 6 Km in an hour. Find the simplest ratio of the distance covered by Akilan to that of Selvi.
27. Give two equivalent ratios of 5 : 4.
28. How many line segments are there in the given line? Name them.



29. Write the types of Data.
30. 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

31. How many Triangles are there in the given figure?



32. If a person reads 20 pages of a book in 2 hours. How many pages will be read in 8 hours at the same speed?

PART - III

- VI. Answer any Three of the following questions.

3x5=15

33. Simplify: $20 + [8 \times 2 + \{(6 \times 3) - (10 \div 5)\}]$.
34. In a cycle factory 1560 bicycles were manufactured every day. Find the number of bicycles manufactured in 25 days?
35. Kumaran has ₹. 600 and wants to divide it between Vimala and Yazhini in the ratio 2:3. Who will get more and how much?
36. The Fruits liked by the students of a class are as follows. Draw a Bar graph for this data.

Fruits	Bananas	Graphes	Apples	Mangoes	Guavas	Papayas	Other Fruits
No.of Students	8	10	8	7	12	3	2

PART - IV

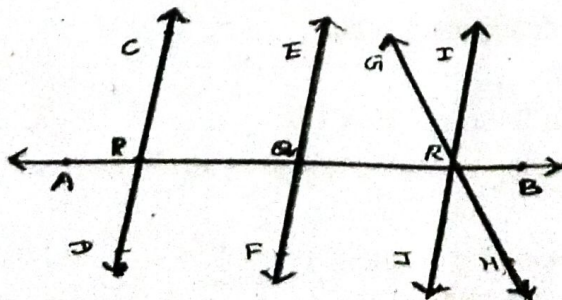
- VII. Answer any One of the following.

1x5=5

37. a) With the help of ruler and Compass draw a line segment PQ = 5.5 cm.

(OR)

- b) From the given figure, Name the
 i) Parallel lines ii) Intersecting lines



V/6/Mat/2