

SUMMATIVE ASSESSMENT – FIRST TERM**Max. Marks: 60****Std - VI****MATHEMATICS****Time: 2 Hrs****I. Choose the correct answer:****10 x 1 = 10**

1. A binomial expression has _____ terms
 - a) 2 like
 - b) 3 like
 - c) 3 unlike
2. The mystery number of the following equation is $18 + x = 25$. _____
 - a) 6
 - b) 10
 - c) 7
3. In the ratio 3:10, _____ is the antecedent.
 - a) 3
 - b) 10
 - c) 3 and 10
4. $a:b :: c:d$ is same as _____
 - a) $\frac{a}{c} = \frac{b}{d}$
 - b) $\frac{a}{b} = \frac{c}{d}$
 - c) $\frac{a}{d} = \frac{b}{c}$
5. If the cost price of a shirt is ₹ 500 and selling price is ₹ 500. It is a _____
 - a) profit
 - b) loss
 - c) neither profit nor loss
6. The Roman numeral for 150 is _____
 - a) XC
 - b) CL
 - c) CC
7. The successor of 32,58,499 is _____
 - a) 32,58,850
 - b) 32,58,000
 - c) 32,58,500
8. The additive identity is _____
 - a) 0
 - b) 1
 - c) 10
9. _____ can be drawn vertically or horizontally.
 - a) Column bar
 - b) Vertical bar
 - c) Bar graph
10. A _____ has one end point and is endless in one direction.
 - a) Line
 - b) Ray
 - c) Line segment

II. Do as directed: [Any 10]**10 x 2 = 20**

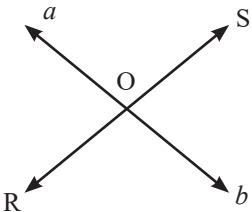
11. Write the following in words using International system: 4005634629
12. Find the different place values of the two 5's: 735085428
13. Write the algebraic equation in words: $N + 5 = 10$
14. Pick out all the like terms: $19x; x; 7x^2; -3xy; 8x; -3x; 5x + 1$
15. Write down the factors of 72.

16. Which 2 ratios are the same?
 a) One girl to 4 boys b) Two girls to 10 boys c) Three girls to 12 boys

17. Draw a magic triangle whose magic number is (or) sum is 11.

18. Find the profit or loss: $CP = ₹ 8564$ $SP = ₹ 7815$

19. Name the lines and rays for the following figure.



20. Using 6 and 15 as means, write 2 proportions.

21. Write the variable and constant for the following equation: $y - 12 = 34$

22. Check whether the following are in proportion or not: $1:2$ and $1\frac{1}{2} : 3$

III. Do as directed: [Any 3]

3 x 5 = 15

23. Write all the factors of 24.

24. In a school of 3,500 students, 2000 are boys and the remaining students are girls. Find the ratio of:
 a. Boys to the total number of students in the school.
 b. Girls to the total number of students in the school.

25. Complete the following table.

x	3	4	5	7	13
$x + 12$					
$4x$					

26. Solve it: A number plus four is twelve. Find the number.

27. In a test that Sudha wrote, the ratio of the right answers to the wrong answers that she got was 9:4. If she got 16 answers wrong, how many answers did she get right?

IV. Graph:

1 x 10 = 10

29. Six children were surveyed on their body mass index as shown in the table below. Construct a bar graph to visually display this data.

BODY MASS INDEX	STUDENT	A	B	C	D	E	F
EMI		21	22	17	25	19	18

V. Geometry:

1 x 5 = 5

28. Construct the line segment for the given measurement: $PQ = 6.7$ cm