STD: VI   **MM: 50**

SECTION - A

1. Fill in the blank :   **(1x4 = 4)**

(a) The smallest prime number is --------------------------.

(b) A pair of prime numbers whose difference is 2 are called a ----------------- .

(c) Every number is a -------------------------------- of itself .

(d) A factor of a number is an exact ----------------- of that number.

2. Choose the correct option :   **(1x4 =4)**

(a) Numbers having more than two factors are called

   i) prime number   ii) composite number   iii) alternate number   iv) none

(b) Which number is the identity for multipication of whole numbers?

   i) 4   ii) 1   iii) 0   iv) all

(c) The predecessor of 5210 is

   i) 5010   ii) 5211   iii) 5209   iv) 521

(d) Which number is a factor of every number?

   i) 0   ii) 100   iii) 1   iv) none

SECTION - B

Question numbers 3 to 8 carry 2 marks each :   **(2x6 =12)**

3. Write the number names of 4,567,289 and 48,42,59,375.

4. Write the roman numerals for 676 and 105.

5. Estimate the product of 41 and 114 by rounding off to the nearest ten.

6. Write XXIX and DCXLV in Hindu-Arabic System.

7. Find all the factors of 36 and 49.

8. Show following on different number lines:

(a) 3 x 4   (b) 11 - 4

SECTION - C

Question numbers 9 to 14 carry 3 marks each :   **(3x6 =18)**

9. Solve 104 x 106 using expanding bracket.

10. Find the value of the following using suitable property.

   (a) 756 x 378 - 756 x 278   (b) 8 x 693 x 125

11. Do as directed:

   (a) Form the greatest number using 4, 7, 8, 1 and write successor to it.

   (b) Form the smallest number using 3, 9, 5, 2 and write successor to it.

12. Check the divisibility of 78419 by 11 using divisibility rule.

13. Find the sum by suitable rearrangement.

   (a) 527 + 208 + 373

   (b) 1962 + 453 + 1538 + 647

14. Write each of the following numbers as numerals.

   (a) Fifty- seven lakh thirty-eight thousand two hundred

   (b) Seven million seventy- five thousand and ninety

   (c) Six crores fifty-nine lakh and five

SECTION - D

Question numbers 15 to 17 carry 4 marks each: **(4x3 =12)**

15. A taxi driver filled his car petrol tank with 30 litres of petrol on Monday. The next day, he filled the tank with 50 litres of petrol, if the petrol costs Rs.55 per litre, how much did he spend in all on petrol?

16. Rahul took 162 sweets to school on his birthday, he distributed sweets to all the 32 children in the class. How many sweets did each child get? How many sweets were left with him?

17. Ronaldo is a famous football player. He has scored 1,867 goals so far, he wishes to complete 2000 goals. How many more does he need to complete 2000 goals?