



**FORMATIVE ASSESSMENT - FIRST MID TERM**

**MATHEMATICS**

**Max Marks: 50**

**Std - VI**

**Time: 2 Hrs**

<b>Name of the School:</b>  	<b>Name of the Student:</b>  
<b>Place:</b>  	<b>Roll No.:</b>  

**I. Fill in the blanks:** **5 × 1 = 5**

- 1. The smallest 8 digit number is \_\_\_\_\_
- 2. Write the numeral form of two billion three hundred forty million \_\_\_\_\_
- 3. The predecessor of 1 is \_\_\_\_\_
- 4. 10 thousand = \_\_\_\_\_ hundreds
- 5. The sum of the greatest and the smallest two-digit number is \_\_\_\_\_

**II. Choose the correct answer:** **5 × 1 = 5**

- 1. The Roman numeral for 90 is \_\_\_\_\_  
(a) CX (b) XCX (c) XC
- 2. \_\_\_\_\_ numbers have more than 2 factors.  
(a) Prime (b) Natural (c) Composite
- 3. For a number A that is greater than 11, what is the value of LCM (A, A+1)?  
(a)  $A \div (A + 1)$  (b)  $A + A + 1$  (c)  $A \times (A + 1)$
- 4. For any 2 whole numbers a and b,  $a + b = b + a$ . This property is called \_\_\_\_\_  
(a) Associative (b) Commutative (c) Closure
- 5. The number that comes just before 99,00,000 is \_\_\_\_\_  
(a) 9899999 (b) 9989999 (c) 9999989

**III. Do as directed: (Any 10)** **10 × 2 = 20**

- 1. Rewrite the following with commas using both Indian and International number system 50302281
- 2. Write the following in standard form:  
(a)  $6,00,00,000 + 90,00,000 + 30,000 + 800 + 90 + 7$   
(b)  $80,00,00,000 + 9,00,00,000 + 30,00,000 + 7,00,000 + 60,000 + 8000 + 900 + 0 + 5$
- 3. Here is a number: 987,654,321.  
Increase the digit in the ten-thousands place by 3 and decrease the digit in the ten-millions place by 4. Write the new number.
- 4. How many 10 crores are there in 1 billion?
- 5. List down all the factors of 48 in increasing order.
- 6. A company makes 1,62,134 blue pens and 97,525 black pens in a year. Find the total number of pens made by the company in a year. Write your answer with commas as per the Indian system.

7. Solve  $920 - \{180 \div [74 - (75 - 32 \div 16 \times 2)]\}$
8. Use five 3's to write an expression whose value is 0 or 1.
9. Round off the numbers to nearest ten and find the product :  $25 \times 67$
10. Subtract the predecessor of the largest 5-digit number from the successor of the smallest 8-digit number.
11. Write all primes between 20 and 30

**IV. Answer the following: (Any 4)**

**$4 \times 5 = 20$**

1. The diameter of Saturn is 74,89874,898 miles and that of Venus is 7,5217,521 miles. By how much is the diameter of Saturn greater than the diameter of Venus?
2. Keerthi bought a sofa-set for ₹ 41,799 a dining table ₹ 21,422, and a book-shelf for ₹16,648. How much money did she pay in all?
3. On Monday, the number of spectators for a cricket match was 49,532 and on Tuesday there were 52,618. On which day were there more spectators and by how much?
4. Tom had 5 million in his bank account. He deposited 6 lakhs more into this account. What is his bank balance now in the Indian system?
5. Write the following problems using mathematical operations and solve them.
  - a) Sandra bought 4 bags of chips at ₹ 15 each. She used a ₹ 40.00 coupon to pay part of the cost. How much did Sandra pay for the chips?
  - b) The decorating committee needs 3 balloons each for of 15 tables. They also need 20 balloons for each of the 4 walls of the room. How many balloons does the committee need?