SUMMATIVE ASSESSMENT – FIRST TERM

MATHEMATICS

Std - VI

Max. Marks: 60

Time: 2 Hrs

I. **Choose the correct answer:** **5 x 1 = 5**

1. _____ numbers have more than 2 factors.

   (a) Prime (b) Natural (c) Composite

2. All even numbers are divisible by _____

   (a) 3 (b) 2 (c) 4

3. The Roman numeral for 90 is _____

   (a) CX (b) XCX (c) XC

4. Which of the following are like fractions?

   (a) $\dfrac{3}{5}, \dfrac{6}{5}$ (b) $\dfrac{2}{3}, \dfrac{3}{2}$ (c) $\dfrac{1}{2}, \dfrac{4}{6}$

5. Which of the following is a leap year? _____

   (a) 2012 (b) 2010 (c) 1985

II. **Fill in the blanks:** **5 x 1 = 5**

1. Write the numeral form of two billion three hundred forty million _____

2. The smallest 8 digit number is _____

3. The predecessor of 1 is _____

4. HCF of (3,7) is _____

5. $x \times 1 =$ _____

III. Do as directed: (Any 15)   15 x 2 = 30

1. Write the following in standard form:

   (a) $6,00,00,000 + 90,00,000 + 30,000 + 800 + 90 + 7$

   (b) $80,00,00,000 + 9,00,00,000 + 30,00,000 + 7,00,000 + 60,000 + 8000 + 900 + 0 + 5$

2. Rewrite the following with commas using both Indian and International number system: 50302281

3. 2 bottles of liquid weigh $3l\ 330ml$ and $4l\ 450ml$. What is the total weight?

4. Finding duration: From 6:00 a.m. to 5:00 p.m.

5. Kanchana buys 2 *kgs* of potatoes, 3.5 kgs of tomatoes, 1.275 *kgs* of beans and 5.550 *kgs* of onions. What is the total weight she bought?

6. Find the LCM of 8, 12.

7. Check whether 11,304 is divisible by 9

8. Find the greater fraction among the given pair.

   a) $\dfrac{5}{8}, \dfrac{3}{7}$

9. Express the shaded portions as fraction.

10. Classify the following fractions as
    (a) proper, (b) improper and (c) mixed fractions.

    $$\dfrac{3}{7}, \quad \dfrac{7}{5}, \quad \dfrac{5}{9}, \quad \dfrac{3}{4} \quad \dfrac{13}{4} \quad \dfrac{57}{8} \quad 2\dfrac{4}{9} \quad 7\dfrac{4}{11} \quad \dfrac{12}{7} \quad \dfrac{11}{8}$$

11. Reduce the following fractions into their simplest form.

    a) $\dfrac{100}{120}$ b) $\dfrac{160}{200}$

12. a) Add: $\dfrac{5}{9}$ and $\dfrac{2}{9}$

    b) subtract : $\dfrac{7}{11}$ and $\dfrac{6}{11}$

13. Find x, if $2x + 5 = 11$.

14. After how many hours and minutes does:

    a) 3:25 become 5:55

    b) 6:00 become 7:30

15. Round off the numbers to nearest ten and find the product : 25×67

16. Subtract the predecessor of the largest 5-digit number from the successor of the smallest 8-digit number.

17. Convert 3 hrs into minutes and seconds.

IV. Answer the following: (Any 4)   4 x 5 = 20

1. 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?

2. A metro water lorry's capacity is 3000 l. It supplied 1050.275 l to one house and 780.550 l to another house. How much water remains in the lorry?

3. 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?

4. Find the HCF of 144, 108 and 216 using continued division method.

5. Two clocks are set in such a way that the first one rings at an interval of 8 minutes and the second one rings at an interval of 12 minutes. If both start at 6.00 a.m., at what time will they ring together?

6. Mr. Bhim left $\dfrac{1}{3}$rd of his property to his son, $\dfrac{1}{4}$th of it to charity and the remaining to his wife.

    a) What part did his wife receive?

    b) Who received more?