C - 16

Vikram Star Mathematics

Syllabus : (1 & 2 Units) Page No. 5 - 35

# FORMATIVE ASSESSMENT - I

## Class - 5 :: Star Mathematics

25

Time : 1 Hour | Max.Marks: 25

**Name :** **Class :** **Section :** **Roll No.**

**I. Write the number.** **[3 x 2 = 6M]**

1) Eighteen crore twenty-three lakh fourteen thousand.

2) Twenty-two crore sixty thousand fourteen.

3) Six thousand two hundred sixteen.

**II. Fill in the blanks with the correct sign. i.e., <, > or =.** **[3 x 1 = 3M]**

1) 1896340 ☐ 3358712

2) 4901279 ☐ 4780198

3) 2703431 ☐ 6629043

**III. Write the numbers.** **[3 x 2 = 6M]**

1) 9,00,00,000 + 70,000 + 8,000 + 20 + 4

2) 70,00,000 + 20,000 + 9,000 + 600 + 80 + 1

3) 1,00,00,000 + 80,00,000 + 7,00,000 + 500 + 6

**IV. Solve the following.** **[3 x 2 = 6M]**

1) 28484845 + 56345 – 146785

2) 2567841 + 91476 + 341563

3) 6785346 – 15346 – 78145

**V. Solve the problems.** **[2 x 2 = 4M]**

1) A company exported 925 bicycles. The price of each being ₹ 7245, what will be the total price of the bicycles exported ?

2) The sum of two numbers is 76, 34, 92, 145. If one of them is 45,72,81,248, find the other.

*****

C - 16

Vikram Star Mathematics

Syllabus : (3 & 4 Units) Page No. 36 - 67

# FORMATIVE ASSESSMENT - II

## Class - 5 :: Star Mathematics

25

Time : 1 Hour | Max.Marks: 25

**Name :** **Class :** **Section :** **Roll No.**

**I. Find the prime factors.** **[3 x 1 = 3M]**

1) 36 2) 120 3) 75

**II. Solve the problems.** **[2 x 2 = 4M]**

1) The product of two numbers is 7700. Their HCF is 70. Find their LCM.

2) The product of two numbers is 9600. Their LCM is 120. Find their HCF.

**III. Fill in the blanks.** **[2 x 2 = 4M]**

1) A number which is divisible by 25 is also divisible by the number _____.

2) A number which is divisible by 50 is also divisible by _____, _____, _____, and _____.

**IV. Multiply.** **[4 x 2 = 8M]**

1) $\frac{8}{9} \times 11$ 2) $\frac{7}{11} \times 10$

3) $\frac{3}{4} \times 5$ 4) $\frac{3}{5} \times 7$

**V. Find the product.** **[3 x 2 = 6M]**

1) $21 \times \frac{1}{7} =$

2) $39 \times \frac{1}{13} =$

3) $225 \times \frac{1}{25} =$

*****

C - 16

Vikram Star Mathematics

Syllabus : (6 & 7 Units) Page No. 98 - 137

# FORMATIVE ASSESSMENT - III

## Class - 5 :: Star Mathematics

25

Time : 1 Hour | Max.Marks: 25

**Name :** **Class :** **Section :** **Roll No.**

**I. Solve the problems.** **[3 x 2 = 6M]**

1) Arush bought 31.5 m of cloth. How many cm of cloth did he buy ?

2) Two months ago, Mrs. Kanika's weight was 64 kg. Since then she has lost 3 kg and 500 g. What is her current weight ?

3) Divesh travelled 5 km 65 m by bicycle, 13 km 296 m by bus and 1 km 943 m on foot. What is the total distance travelled by Divesh ?

**II. Convert.** **[6 x 1 = 6M]**

1) 32 cm into m_____

2) 9 km 856 m into km _____

3) 593 mg into hg _____

4) 59 m$l$ into $l$ _____

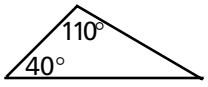
5) 9 k$l$ 37 m$l$ into $l$ _____

6) 4 g into kg _____

**III. Solve the following word problems.** **[3 x 2 = 6M]**

1) Find the circumference of a circle whose radius is 35 cm.

2) Calculate the size of the unmarked angle.




3) Find the diameter of a circle whose circumference is 44 cm.

**IV. Convert the temperatures given in the celsius scale to the Fahrenheit scale.** **[2 x 2 = 4M]**

1) 30° C 2) 58° C

**V. Choose the correct option.** **[3 x 1 = 3M]**

1) The sum of three angles of a triangle is ( )

a) 90° b) 180° c) 100° d) 360°

2) What is the reading in a thermometer when water starts freezing ? ( )

a) 32° F b) 0° F c) 212° F d) 100° C

3) A line segment whose end points lie on a circle is called. ( )

a) diameter b) arc c) chord d) radius

*****

C - 16

Vikram Star Mathematics

Syllabus : (10 - 12 Units) Page No. 162 - 190

# FORMATIVE ASSESSMENT - IV

## Class - 5 :: Star Mathematics

25

Time : 1 Hour | Max.Marks: 25

**Name :** **Class :** **Section :** **Roll No.**

**I. Study the patterns given below and write the next two terms.** **[3M]**

1) $9 \times 9 + 7 = 88$

$98 \times 9 + 6 = 888$

$987 \times 9 + 5 = 8888$

$9876 \times 9 + 4 = 88888$

_____ _____

**II. Solve the problems.** **[5 x 3 = 15M]**

1) Find the area of a square whose side is 3.5 cm in length.

2) A room is 8 m long, 6 m broad and 4.5 m high, what is the volume of the room ?

3) Find the area of a square garden if its each side measures 13 m.

4) A rectangle is 4 cm long and 3.8 cm broad. What is the area of the rectangle ?

5) A square park has a length of 100 m. What is the perimeter of the park ? What is its area?

**III. Add the following.** **[3 x 1 = 3M]**

1) 4 years 8 months and 7 years 4 months.

2) 7 hours 50 minutes and 10 hours 10 minutes.

3) 6 minutes 30 seconds and 4 minutes 30 seconds.

**IV. Subtract the following.** **[2 x 1 = 2M]**

1) 7 years 3 months from 10 years 2 months.

2) 19 years 7 months from 24 years.

**V. Choose the correct option.** **[2 x 1 = 2M]**

1) BC means before the birth of Lord. ( )

a) Krishna b) Rama c) Jesus Christ d) None of these

2) If 1$^{st}$ of October is saturday then the number of sundays in the month of October is

a) 4 b) 5 c) 3 d) 6 ( )

*****

C - 16

Vikram Star Mathematics

Syllabus : (1 - 5 Units) Page No. 5 - 97

# SUMMATIVE ASSESSMENT - I

## Class - 5 :: Star Mathematics

Time : 2 $^{1}/_{2}$ Hours | Max.Marks: 50

50

**Name :** **Class :** **Section :** **Roll No.**

**I. Solve the Problems.** **[6 x 3 = 18M]**

1) Find the average of 16, 18, 13 and 9.

2) A factory produces 25088 nuts in 56 days. How many nuts does it produce per day ?

3) Find the smallest number which must be added to 9378 to make it divisible by 7.

4) What is the product of the largest 4-digit number and the largest 3-digit number ?

5) Find the smallest number which when divided by 28 and 36 leaves no remainder.

6) The product of two numbers is 500. Their HCF is 100. Find their LCM.

**II. Solve the following division sums.** **[4 x 2 = 8M]**

1) 4291 ÷ 54

2) 7815 ÷ 35

3) 3715 ÷ 15

4) 820062 ÷ 86

**III. Add the following.** **[2 x 2 = 4M]**

1) 46159
23214
(+) 12735

2) 40567
22418
(+) 24856

**IV. Write the expanded form of the given numbers.** **[3 x 2 = 6M]**

1) 6,63,45,291

2) 4,69,02,702

3) 9,48,83,342

**V. Subtract the following.** **[2 x 2 = 4M]**

1) 823456
(–) 256717

2) 956723
(–) 247174

**VI. Solve the following.** **[2 x 2 = 4M]**

1) 7815343 + 57134 + 278015

2) 7834165 +25614 – 431659

**VII. Match the Hindu - Arabic numerals with Roman numerals.** **[6 x 1 = 6M]**

| **Hindu-Arabic numerals** | | | **Roman numerals** |
|---|---|---|---|
| 1) | 39 | ( ) | a) CCCXI |
| 2) | 210 | ( ) | b) CMXLV |
| 3) | 311 | ( ) | c) MCL |
| 4) | 1150 | ( ) | d) CCX |
| 5) | 495 | ( ) | e) XXXIX |
| 6) | 945 | ( ) | f) CDXCV |

*****

C - 16

Vikram Star Mathematics

Syllabus : (1 - 9 Units) Page No. 5 - 161

# SUMMATIVE ASSESSMENT - II

## Class - 5 :: Star Mathematics

50

Time : 2 $^{1}/_{2}$ Hours  Max.Marks: 50

**Name :**  **Class :**  **Section :**  **Roll No.**

**I. Solve the following word problems.** **[6 x 3 = 18M]**

1) A chair was bought for ₹ 680. At what price should it be sold to gain ₹ 85 ? Also, find the gain percent.

2) Find the selling price if cost price = ₹ 150 and profit = 10%.

3) In a school of 500 students, 60% were boys. Find the number of girls.

4) Kunal had ₹ 3,45,76,000. He purchased a house for ₹ 1,76,95,000 and a car for ₹ 8,60,000. How much money was left with him ?

5) A book has 347 pages. If 1128 copies of the book were printed, how many pages in all were printed ?

6) A milkman sold 42.520 $l$, 23.450 $l$ and 25.350 $l$ of milk on three consecutive days. How much milk did he sell on these three days ?

**II. Write the numbers.** **[5 x 2 = 10M]**

1) Twenty - two crore sixty thousand fourteen.

2) Three hundred seventy million forty thousand two.

3) Forty thousand Thirty-Seven.

4) One crore five Thousand seven.

5) Twenty - four hundred sixty.

**III. Choose the correct option.** **[5 x 1 = 5M]**

1) If 1 dozen bananas cost ₹ 36. What is the cost of 1 banana ? ( )

a) ₹ 5  b) ₹ 3  c) ₹ 2  d) ₹ 4

2) What is MCXCVII ? ( )

a) 1197  b) 2297  c) 1297  d) 1387

3) The largest number that divides 12 and 20 without a remainder. ( )

a) 2 b) 4 c) 8 d) 16

4) The prime factorisation of 42 is ( )

a) $2 \times 2 \times 3 \times 7$ b) $2 \times 2 \times 3$ c) $2 \times 3 \times 7$ b) $3 \times 3 \times 7$

5) The multiplicative inverse of 1 is ( )

a) zero b) 1 c) cannot be found d) less than 1

**IV. Multiply.** **[5 x 2 = 10M]**

1) 2615
(×) 243

2) 1631
(×) 324

3) 3619
(×) 257

4) 4376
(×) 365

5) 1325
(×) 215

**V. Fill in the blanks.** **[7 x 1 = 7M]**

1) 1 decametre = _____ centimetres.

2) Radius of a circle is _____ the length of the diameter of the circle.

3) 75% of 75 is _____

4) 3 years = _____ days.

5) When we change $\frac{1}{2}$ to a percent, we get _____.

6) A line segment whose end points lie on a circle is called a _____.

7) The symbol used to measure temperature in degree Fahrenheit is _____.

*****

C - 16

Vikram Star Mathematics

Syllabus : (1 - 14 Units) Page No. 5 - 205

# SUMMATIVE ASSESSMENT - III

## Class - 5 :: Star Mathematics

50

Time : 2 $^{1}/_{2}$ Hours | Max.Marks: 50

**Name :** **Class :** **Section :** **Roll No.**

**I. Solve the Problems.** **[6 x 3 = 18M]**

1) Sonia weighed 60 kg last year. If her weight increases by 5% this year, find her weight this year.

2) 1 kg of sugar was bought for ₹ 54 and sold for ₹ 52.50. Find the loss percent.

3) Find the area of a square whose side is 3.5 cm in length.

4) A fish tank is 30 cm long, 50 cm wide and 30 cm high. It has been half filled with water. What volume of the tank has not been filled ?

5) Mr. Arora's car can hold 56.5 litres of petrol. He filled it with 42.950 litres. How much more petrol can it hold ?

6) The LCM of two numbers is 96 and their HCF is 8. If one of the number is 32, find the other number.

**II. Write the numbers.** **[5 x 2 = 10M]**

1) 70,00,000 + 20,000 + 9,000 + 600 + 80 + 1

2) 30,00,000 + 4,000 + 200 + 10 + 7

3) 80,00,000 + 7,00,000 + 500 + 6

4) 70,000 + 8,000 + 20 + 4

5) 4,00,000 + 20,000 + 9,000 + 100 + 10 + 7

**III. Add the following.** **[5 x 2 = 10M]**

1) 956723
(+) 247174

2) 823456
(+) 256717

3) 26815
32252
(+) 25796

4) 40567
24856
(+) 22418

5) 46159
23714
(+) 12235

**IV. Divide the following.** **[3 x 2 = 6M]**

1) $\frac{4}{5} \div \frac{1}{15}$

2) $4\frac{1}{4} \div \frac{1}{8}$

3) 642.59 ÷ 1000

**VII. Match the Hindu - Arabic numerals with Roman numerals.** **[6 x 1 = 6M]**

| **Hindu-Arabic numerals** | | | **Roman numerals** |
|---|---|---|---|
| 1) 39 | ( ) | a) | CCCXI |
| 2) 210 | ( ) | b) | CMXLV |
| 3) 495 | ( ) | c) | XXXIX |
| 4) 311 | ( ) | d) | MCL |
| 5) 1150 | ( ) | e) | CCX |
| 6) 945 | ( ) | f) | CDXCV |

*****