FORMATIVE ASSESSMENT – IV (2014 – 2015)
MATHEMATICS

CLASS : VI   **TIME : 40 MINUTES**
DATE : 08/02/2015   **MARKS : 20**

Note :
Do the calculations in working column.
Give necessary formulae and steps wherever required.

SECTION A (Each question carries 1 mark)

1. 23 kg 5 g = _____ kg
   (a) 23.5   (b) 23.05   (c) 23.005   (d) 235
2. The perimeter of a square of side 20 cm is _____.
   (a) 24 cm   (b) 80 cm   (c) 80 cm^2 (d) 24 cm^2
3. The area of a rectangle of sides 12 cm $\times$ 2.5 cm is _____.
   (a) 30 cm^2 (b) 300 cm^2 (c) 12.5 cm^2 (d) 122.5 cm^2

SECTION B (Each question carries 2 marks)

4. Find the cost of fencing a square park of side 300 m at the rate of Rs. 25 per metre.
5. Find the value of :
   (a) 113.3 – 8.589   (b) 55.24 + 34.5 + 0.763   **(P.T.O)**

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SECTION A (Each question carries 1 mark)

1. 63 mm is equal to _____ cm.
   (a) 0.63   (b) 6.3   (c) 63   (d) 630
2. The area of a rectangle of sides 10 cm $\times$ 1.5 cm is _____.
   (a) 150 cm   (b) 25 cm^2 (c) 15 cm^2 (d) 25 cm
3. The perimeter of a pentagon of sides 7 mm is _____.
   (a) 35 mm   (b) 42 mm   (c) 28 mm   (d) 12 mm

SECTION B (Each question carries 2 marks)

4. Find the value of :
   (a) 28.2 + 35 + 10.03   (b) 12.9 – 7.875
5. Find the cost of fencing a rectangular park of length 225 m and breadth 175 m at the rate of Rs. 30 per metre.

(P.T.O)

SECTION C (Each question carries 3 marks)

6. Sumana got a churidhar set for Rs. 846.55. She paid Rs. 1000 on the counter. Find the amount she got back.

7. A room is 1000 cm long and 900 cm wide. How many square tiles of 10 cm side will be required to pave it ?

8. The number of children per family in 15 families as given below:

    1, 3, 1, 2, 1, 1, 2, 3, 2, 1, 1, 2, 1, 3, 2

    Tabulate the above data by tally marks and find the number of families with different number of children.

SECTION D (Each question carries 4 marks)

9. The number of story books sold by a shopkeeper on 6 consecutive days are shown below :

DAYS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NO.OF BOOKS	65	50	40	30	35	90

Draw a bar graph to represent the above information using the scale of 1 unit length = 10 books.
(a) On which day were the maximum number of books sold ?
(b) Find the total number of books were sold on 6 days ?

******THE END******

SECTION C (Each question carries 3 marks)

6. The weight of a basket filled with fruits is 132.55 kg. The weight of empty basket is 650 g. Find the weight of the fruits inside the basket.

7. The length and breadth of a room are 700 cm and 400 cm respectively. Find the number of square tiles of side 10 cm that are required to pave on the floor of the room.

8. The following are the grades obtained by the students of a class in their Mathematics test.
A, B, C, A, D, A, B, D, A, B, A, A, B, A, B
Tabulate the above data by tally marks and find the number of students with different grades.

SECTION D (Each question carries 4 marks)

9. The following are the number of absentees in a class VI of 30 students during the previous week.

DAYS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NO.OF STUDENTS	6	4	1	2	9	5

Draw a bar graph to represent the above information using the scale of 1 unit length = 1 student.
(a) On which day were the maximum number of students were absent ?
(b) What was the total number of absentees on that week ?

******THE END******