Second Unit Test in MATHEMATICS

Std. 8   Time : 1 hr.
02-12-2015   M. Marks: 20

Section – A   [1 mark each]

1.   Write the co-ordinates of the origin.

2.   Convert 3:4 into percentage.

3.   Name the type of following graphs:
        i)   A graph that is used to show comparison among categories.
        ii)   A graph that is used to compare parts of a whole.

4.   On which axes the points   i)   (0,5) &   ii)   (3,0) lie?

Section – B   [2 marks each]

5.   72% of 25 students are good in Mathematics. How many are not good in Mathematics?

6.   A shop gives 20% discount on dress materials. What would be the sale price of a
        frock marked at Rs. 1200/-?

7.   Find the Simple Interest on Rs. 20,000/- at a rate of 8% per annum for 2 years.

Section – C   [3 marks each]

8.   Neha bought two fans for Rs. 1200/- each. She sold one for a loss of 5% and the other
        for a profit of 10%. Find the selling price of each fan. Also find out the total profit or loss.

9.   Draw the graph of the following :

Side of Square (cm)	2	3	4	5	6
Area (cm^2)	4	9	16	25	36

Is it a linear graph?

Section – D   [4 marks]

10.   Find the amount and compound interest on Rs. 80,000/- for 1½ years at 10% per annum
        i)   compounded annually.   ii)   compounded half yearly.

-x-x-x-x-x-x-