SATISH CHANDRA MEMORIAL SCHOOL

CLASS - VIII

Class Test on Comparing Quantities

F.M : 12

1.Suppose for the principal P, rate r% and time t(>1), the simple interest is S and compound interest is C. Consider the possibilities:

(i) C > S (ii) C = S (iii) C < S. Then, **(1)**

(a) only (i) is correct (b) either (i) or (ii) is correct

(c) either (ii) or (iii) is correct (d) only (iii) is correct

2. 40% of { 100 – (20% of 300)} is equal to - **(1)**

(a) 20 (b) 140 (c) 16 (d) 64

3. The marked price of a colour T.V set is ₹14990. The dealer allows discount of 15% on cash payment. The rate of GST is 18%. How much money in cash a customer has to pay to the dealer for the T.V set ? **(3)**

4. The annual rate of growth of population of a town is 12%. If it's present population is 186040, what it was 2 years ago ? **(4)**

5. Find the compound interest on ₹12000 for 1½ years at 8% per annum compounded half yearly. **(3)**