SATISH CHANDRA MEMORIAL SCHOOL

CLASS - VIII

Class Test on Comparing Quantities

F.M: 11

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,

(a) only (i) is correct

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

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

(d) only (iii) is correct. (1)

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

(a) 20 (b) 140 (c) 16 (d) 64 (1)

3. The marked price of a colour T.V set is ₹14550. The rate of GST is 18%. How much money in cash a customer has to pay to the dealer for the T.V set? (2)

4. The annual rate of growth of population of a town is 12%. If it's present population is 188160, what it was 2 years ago? (3)

5. Find the compound interest on ₹100000 for $1\frac{1}{2}$ years at 10% per annum compounded half yearly. (4)