Subject: - Mathematics
Topic: - Compound Interest

PRACTICE PAPER (MCQ) CBSE-8th

1. Kritika borrowed ₹12500 to purchase a T.V. set, what amount will he have to pay, if he uses the money for 146 days. The rate of interest being 18% per annum.

a) ₹12295 b) ₹13400 c) ₹13870 d) ₹14520 **Ans. (b)**

2. Prateek deposited ₹7200 in a finance company which pays 15% per year. The amount he is expected to get after $4\frac{1}{2}$ years is: - **Ans. (d)**

a) ₹13000 b) ₹12000 c) ₹12065 d) ₹12060

3. A sum of money placed at compound interest doubles itself in 4 years. It will amount to 8 times in: - **Ans. (c)**

a) 8 years b) 16 years c) 12 years d) None of these

4. the difference between C.I. compounded annually and S.I. on a certain sum of money for 2 years at 4% is ₹20. The sum is: - **Ans. (b)**

a) 1250 b)12500 c)25000 d)7500

5.the compound interest on ₹10000 at 8% per annum for 6 months compounded quarterly is: - **Ans. (c)**

a) 408 b)10404 c)404 d)400

6. if ₹12000 taken for2 years at 4% per annum compounded quarterly, then time period and rate is: - **Ans. (c)**

a) n = 2, r = 16% b) n = 4, r = 15%

c) n = 8, r = 1% d) n = 8, r = 16%

7.the present population of a town is 15000. If the population increases at the rate of 4% per year, then population after 2 years will be: - **Ans. (a)**

a) 16224 b)16220 c)16200 d)16000

8.what would be the compound interest accrued on an amount of ₹8000 at the rate of 15% per annum in 3 years? **Ans. (b)**

a) ₹4051 b) ₹4167 c) ₹4283 d) ₹4325

9.what would be the compound interest on ₹50000 for 3 years if the rates of interest are 4% p.a.,5% p.a., 6% p.a. for the first, second and third year respectively? **Ans. (c)**

a) ₹8000 b) ₹10000 c) ₹7876 d) ₹7775.80

10. a certain sum invested at 4% p.a. compound interest, compounded half – yearly amounts to ₹7803 at the end of 1 year. The sum is: **Ans. (b)**

a) ₹7200 b) ₹7500 c) ₹7000 d) ₹7700