EduSahara™ Assignment

Name : Compound Interest Computed Quarterly

Chapter : Compound Interest

Grade : ICSE Grade IX

1. If principal is ₹17000.00, ROI is 8.00% p.a., no of year(s) is 5 and interest type is compound interest computed quarterly, then interest is

   (i) ₹8263.11 (ii) ₹8260.11 (iii) ₹8259.11 (iv) ₹8262.11 (v) ₹8261.11

2. If principal is ₹11000.00, ROI is 8.00% p.a., no of year(s) is 5 and interest type is compound interest computed quarterly, then amount is

   (i) ₹16346.42 (ii) ₹16344.42 (iii) ₹16343.42 (iv) ₹16345.42 (v) ₹16347.42

3. If ROI is 6.00% p.a., no of year(s) is 3 and accumulated compound interest is ₹978.09 computed quarterly, then principal is

   (i) ₹4998.00 (ii) ₹5002.00 (iii) ₹5000.00 (iv) ₹4999.00 (v) ₹5001.00

4. If ROI is 4.00% p.a., no of year(s) is 2 and accumulated compound interest is ₹1325.71 computed quarterly, then amount is

   (i) ₹17324.71 (ii) ₹17327.71 (iii) ₹17323.71 (iv) ₹17325.71 (v) ₹17326.71

5. If principal is ₹17000.00, no of year(s) is 5 and accumulated compound interest computed quarterly is ₹4794.63, then ROI per annum is

   (i) 7.00% (ii) 4.00% (iii) 6.00% (iv) 5.00% (v) 3.00%

6. If principal is ₹20000.00, no of year(s) is 4 and accumulated compound interest computed quarterly is ₹9690.11, then amount is

   (i) ₹29688.11 (ii) ₹29691.11 (iii) ₹29690.11 (iv) ₹29689.11 (v) ₹29692.11

7. If principal is ₹10000.00, ROI is 3.00% p.a. and accumulated compound interest computed quarterly is ₹1269.92, then no of years is

   (i) 2 (ii) 4 (iii) 3 (iv) 5 (v) 6

8. If principal is ₹19000.00, ROI is 6.00% p.a. and accumulated compound interest computed quarterly is ₹5110.73, then amount is

   (i) ₹24111.73 (ii) ₹24108.73 (iii) ₹24109.73 (iv) ₹24112.73 (v) ₹24110.73

9. If principal is ₹5000.00 and compound interest amount is ₹5862.89 for 4 year(s) computed quarterly, then interest is

   (i) ₹861.89 (ii) ₹860.89 (iii) ₹862.89 (iv) ₹863.89 (v) ₹864.89

10. If principal is ₹5000.00 and compound interest amount is ₹5414.28 for 2 year(s) computed quarterly, then ROI per annum is

    (i) 4.00% (ii) 2.00% (iii) 3.00% (iv) 5.00% (v) 6.00%

11. If the compound interest amount for a certain principal is ₹18392.12 for 5 year(s) at an ROI of 7.00% p.a. computed quarterly, then principal is

    (i) ₹13002.00 (ii) ₹12999.00 (iii) ₹13001.00 (iv) ₹12998.00 (v) ₹13000.00

12. If the compound interest amount for a certain principal is ₹21560.11 for 3 year(s) at an ROI of 8.00% p.a. computed quarterly, then interest is

(i) ₹4562.11 (ii) ₹4560.11 (iii) ₹4558.11 (iv) ₹4561.11 (v) ₹4559.11

13. If the compound interest on a certain principal is ₹758.96 for 2 year(s) at ROI 6.00% p.a. computed quarterly, then what is the compound interest for the same principal and ROI for 4 year(s)?

(i) ₹1615.91 (ii) ₹1612.91 (iii) ₹1611.91 (iv) ₹1613.91 (v) ₹1614.91

14. If the compound interest on a certain principal is ₹1395.08 for 3 year(s) at ROI 4.00% p.a. computed quarterly, then what is the compound interest for the same principal and duration at 7.00% p.a. ROI?

(i) ₹2545.83 (ii) ₹2547.83 (iii) ₹2546.83 (iv) ₹2543.83 (v) ₹2544.83

15. If the compound interest on a certain principal is ₹2574.89 for 2 year(s) at ROI 8.00% p.a. computed quarterly, then what is the compound interest for the same principal at 7.00% p.a. ROI and duration 3 year(s)?

(i) ₹3472.59 (ii) ₹3470.59 (iii) ₹3473.59 (iv) ₹3471.59 (v) ₹3469.59

16. Calculate the amount on ₹5000.00 for 4 years 7 months
at 10.00% p.a. compounded quarterly

(i) ₹7863.28 (ii) ₹7862.28 (iii) ₹7864.28 (iv) ₹7865.28 (v) ₹7861.28

17. Calculate the amount on ₹17000.00 for $2\frac{2}{3}$ years
at 3.00% p.a. compounded quarterly

(i) ₹18412.50 (ii) ₹18411.50 (iii) ₹18408.50 (iv) ₹18409.50 (v) ₹18410.50

18. If principal is ₹20000.00, ROI is 9.00% p.a., no of year(s) is 5 computed quarterly, then the difference of compound and simple interest =

(i) ₹2210.18 (ii) ₹2212.18 (iii) ₹2209.18 (iv) ₹2208.18 (v) ₹2211.18

19. If the difference of compound and simple interest on a certain principal is ₹1166.01 for ROI 7.00% p.a. and no of year(s) 5 computed quarterly, then the principal =

(i) ₹17998.00 (ii) ₹18001.00 (iii) ₹18002.00 (iv) ₹17999.00 (v) ₹18000.00

Assignment Key

1) (v)	2) (iv)	3) (iii)	4) (iv)	5) (iv)	6) (iii)
7) (ii)	8) (v)	9) (iii)	10) (i)	11) (v)	12) (ii)
13) (iv)	14) (i)	15) (iv)	16) (i)	17) (v)	18) (i)
19) (v)					