EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Compound Interest

Grade : ICSE Grade IX

1. Calculate the amount on ₹15000.00 for $2\frac{1}{3}$ years at 8.00% p.a. compounded quarterly

(i) ₹18044.90 (ii) ₹18045.90 (iii) ₹18047.90 (iv) ₹18046.90 (v) ₹18043.90

2. If principal is ₹9000.00 and compound interest amount is ₹11520.76 for 5 year(s) computed half yearly, then interest is

(i) ₹2521.76 (ii) ₹2520.76 (iii) ₹2522.76 (iv) ₹2518.76 (v) ₹2519.76

3. If principal is ₹5000.00, ROI is 9.00% p.a. and accumulated compound interest computed annually is ₹1475.15, then amount is

(i) ₹6477.15 (ii) ₹6473.15 (iii) ₹6474.15 (iv) ₹6476.15 (v) ₹6475.15

4. If ROI is 10.00% p.a., no of year(s) is 4 and accumulated compound interest is ₹7267.58 computed quarterly, then principal is

(i) ₹14998.00 (ii) ₹15001.00 (iii) ₹15000.00 (iv) ₹15002.00 (v) ₹14999.00

5. If the compound interest amount for a certain principal is ₹21414.32 for 4 year(s) at an ROI of 9.00% p.a. computed quarterly, then principal is

(i) ₹14999.00 (ii) ₹15002.00 (iii) ₹15000.00 (iv) ₹14998.00 (v) ₹15001.00

6. If principal is ₹16000.00, ROI is 7.00% p.a., no of year(s) is 5 and interest type is compound interest computed annually, then interest is

(i) ₹6441.83 (ii) ₹6439.83 (iii) ₹6440.83 (iv) ₹6438.83 (v) ₹6442.83

7. If the compound interest on a certain principal is ₹913.78 for 4 year(s) at ROI 2.00% p.a. computed quarterly, then what is the compound interest for the same principal and ROI for 2 year(s)?

(i) ₹447.78 (ii) ₹445.78 (iii) ₹446.78 (iv) ₹449.78 (v) ₹448.78

8. If the compound interest on a certain principal is ₹525.20 for 2 year(s) at ROI 2.00% p.a. computed annually, then what is the compound interest for the same principal at 8.00% p.a. ROI and duration 4 year(s)?

(i) ₹4685.36 (ii) ₹4687.36 (iii) ₹4686.36 (iv) ₹4684.36 (v) ₹4688.36

9. If ROI is 2.00% p.a., no of year(s) is 2 and accumulated compound interest is ₹727.20 computed annually, then amount is

(i) ₹18727.20 (ii) ₹18728.20 (iii) ₹18726.20 (iv) ₹18725.20 (v) ₹18729.20

10. If the compound interest amount for a certain principal is ₹7864.78 for 4 year(s) at an ROI of 7.00% p.a. computed annually, then principal is

(i) ₹6001.00 (ii) ₹5999.00 (iii) ₹6002.00 (iv) ₹6000.00 (v) ₹5998.00

11. Calculate the amount on ₹5000.00 for 3 years 9 months at 5.00% p.a. compounded quarterly

(i) ₹6024.15 (ii) ₹6025.15 (iii) ₹6026.15 (iv) ₹6022.15 (v) ₹6023.15

12. If principal is ₹7000.00, no of year(s) is 4 and accumulated compound interest computed half yearly is ₹580.00, then ROI per annum is

(i) 4.00% (ii) 1.00% (iii) 3.00% (iv) 0.00% (v) 2.00%

13. If principal is ₹11000.00, ROI is 5.00% p.a. and accumulated compound interest computed quarterly is ₹1149.35, then no of years is

(i) 5 (ii) 1 (iii) 3 (iv) 2 (v) 4

14. If principal is ₹11000.00, ROI is 3.00% p.a. and accumulated compound interest computed half yearly is ₹1391.42, then amount is

(i) ₹12390.42 (ii) ₹12393.42 (iii) ₹12392.42 (iv) ₹12391.42 (v) ₹12389.42

15. If principal is ₹18000.00, ROI is 4.00% p.a., no of year(s) is 5 computed annually, then the difference of compound and simple interest =

(i) ₹297.75 (ii) ₹301.75 (iii) ₹299.75 (iv) ₹298.75 (v) ₹300.75

16. If principal is ₹17000.00 and compound interest amount is ₹20197.70 for 2 year(s) computed annually, then ROI per annum is

(i) 7.00% (ii) 10.00% (iii) 8.00% (iv) 11.00% (v) 9.00%

17. If the compound interest on a certain principal is ₹3722.91 for 5 year(s) at ROI 4.00% p.a. computed half yearly, then what is the compound interest for the same principal and duration at 5.00% p.a. ROI?

(i) ₹4761.44 (ii) ₹4763.44 (iii) ₹4759.44 (iv) ₹4760.44 (v) ₹4762.44

18. If principal is ₹16000.00, ROI is 8.00% p.a. and accumulated compound interest computed half yearly is ₹2717.74, then no of years is

(i) 1 (ii) 3 (iii) 2 (iv) 5 (v) 4

19. If ROI is 2.00% p.a., no of year(s) is 5 and accumulated compound interest is ₹624.48 computed annually, then principal is

(i) ₹5999.00 (ii) ₹6000.00 (iii) ₹6001.00 (iv) ₹6002.00 (v) ₹5998.00

20. If principal is ₹20000.00, ROI is 6.00% p.a. and accumulated compound interest computed quarterly is ₹6937.10, then amount is

(i) ₹26935.10 (ii) ₹26938.10 (iii) ₹26936.10 (iv) ₹26937.10 (v) ₹26939.10

21. Calculate the amount on ₹13000.00 for $4\frac{1}{3}$ years

at 8.00% p.a. compounded half yearly

(i) ₹18263.83 (ii) ₹18264.83 (iii) ₹18266.83 (iv) ₹18267.83 (v) ₹18265.83

22. If principal is ₹16000.00, ROI is 8.00% p.a., no of year(s) is 5 and interest type is compound interest computed annually, then amount is

(i) ₹23509.25 (ii) ₹23511.25 (iii) ₹23508.25 (iv) ₹23510.25 (v) ₹23507.25

23. If principal is ₹6000.00 and compound interest amount is ₹8236.71 for 4 year(s) computed quarterly, then ROI per annum is

(i) 6.00% (ii) 9.00% (iii) 10.00% (iv) 7.00% (v) 8.00%

24. Calculate the amount on ₹10000.00 for 4 years 10 months at 9.00% p.a. compounded annually

(i) ₹15176.50 (ii) ₹15175.50 (iii) ₹15174.50 (iv) ₹15173.50 (v) ₹15172.50

25. If principal is ₹17000.00, no of year(s) is 3 and accumulated compound interest computed annually is ₹2679.63, then ROI per annum is

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

Assignment Key

1) (ii)	2) (ii)	3) (v)	4) (iii)	5) (iii)	6) (iii)
7) (i)	8) (iii)	9) (i)	10) (iv)	11) (i)	12) (v)
13) (iv)	14) (iv)	15) (iii)	16) (v)	17) (i)	18) (iii)
19) (ii)	20) (iv)	21) (v)	22) (i)	23) (v)	24) (iii)
25) (i)					