EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Compound Interest

Grade : ICSE Grade IX

License : Non Commercial Use

1. If ROI is 4.00% p.a., no of year(s) is 2 and accumulated compound interest is ₹580.00 computed quarterly, then principal is

(i) ₹6998.00 (ii) ₹7001.00 (iii) ₹7002.00 (iv) ₹6999.00 (v) ₹7000.00

2. Calculate the amount on ₹14000.00 for $5\frac{5}{12}$ years

at 6.00% p.a. compounded quarterly

(i) ₹19332.20 (ii) ₹19328.20 (iii) ₹19330.20 (iv) ₹19331.20 (v) ₹19329.20

3. If the compound interest on a certain principal is ₹1495.09 for 3 year(s) at ROI 3.00% p.a. computed half yearly, then what is the compound interest for the same principal at 10.00% p.a. ROI and duration 5 year(s)?

(i) ₹10061.31 (ii) ₹10064.31 (iii) ₹10060.31 (iv) ₹10063.31 (v) ₹10062.31

4. Calculate the amount on ₹16000.00 for 4 years 8 months

at 10.00% p.a. compounded annually

(i) ₹24989.31 (ii) ₹24988.31 (iii) ₹24986.31 (iv) ₹24985.31 (v) ₹24987.31

5. If principal is ₹16000.00 and compound interest amount is ₹17997.82 for 3 year(s) computed annually, then interest is

(i) ₹1999.82 (ii) ₹1996.82 (iii) ₹1995.82 (iv) ₹1997.82 (v) ₹1998.82

6. If principal is ₹19000.00, ROI is 3.00% p.a., no of year(s) is 4 and interest type is compound interest computed half yearly, then interest is

(i) ₹2403.36 (ii) ₹2404.36 (iii) ₹2402.36 (iv) ₹2405.36 (v) ₹2401.36

7. Calculate the amount on ₹17000.00 for $4\frac{5}{12}$ years

at 9.00% p.a. compounded annually

(i) ₹24897.77 (ii) ₹24894.77 (iii) ₹24898.77 (iv) ₹24895.77 (v) ₹24896.77

8. If principal is ₹14000.00, ROI is 7.00% p.a., no of year(s) is 5 and interest type is compound interest computed quarterly, then amount is

(i) ₹19805.89 (ii) ₹19807.89 (iii) ₹19808.89 (iv) ₹19806.89 (v) ₹19804.89

9. If the compound interest amount for a certain principal is ₹14418.76 for 4 year(s) at an ROI of 7.00% p.a. computed annually, then interest is

(i) ₹3418.76 (ii) ₹3420.76 (iii) ₹3416.76 (iv) ₹3419.76 (v) ₹3417.76

10. Calculate the amount on ₹13000.00 for 3 years 6 months

at 9.00% p.a. compounded half yearly

(i) ₹17689.20 (ii) ₹17691.20 (iii) ₹17690.20 (iv) ₹17693.20 (v) ₹17692.20

11. If principal is ₹11000.00 and compound interest amount is ₹11447.78 for 2 year(s) computed quarterly, then interest is

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

12. If the compound interest on a certain principal is ₹4533.90 for 3 year(s) at ROI 9.00% p.a. computed half yearly, then what is the compound interest for the same principal and duration at 10.00% p.a. ROI?

(i) ₹5099.43 (ii) ₹5100.43 (iii) ₹5103.43 (iv) ₹5101.43 (v) ₹5102.43

13. If ROI is 9.00% p.a., no of year(s) is 2 and accumulated compound interest is ₹3762.00 computed annually, then principal is

(i) ₹19999.00 (ii) ₹20002.00 (iii) ₹20001.00 (iv) ₹19998.00 (v) ₹20000.00

14. If principal is ₹9000.00, ROI is 6.00% p.a., no of year(s) is 3 and interest type is compound interest computed annually, then amount is

(i) ₹10721.14 (ii) ₹10720.14 (iii) ₹10718.14 (iv) ₹10717.14 (v) ₹10719.14

15. If the difference of compound and simple interest on a certain principal is ₹41.94 for ROI 5.00% p.a. and no of year(s) 2 computed half yearly, then the principal =

(i) ₹11001.00 (ii) ₹10999.00 (iii) ₹11002.00 (iv) ₹10998.00 (v) ₹11000.00

16. If principal is ₹6000.00, ROI is 8.00% p.a. and accumulated compound interest computed quarterly is ₹1609.45, then amount is

(i) ₹7608.45 (ii) ₹7609.45 (iii) ₹7610.45 (iv) ₹7611.45 (v) ₹7607.45

17. If the compound interest on a certain principal is ₹4303.77 for 4 year(s) at ROI 6.00% p.a. computed quarterly, then what is the compound interest for the same principal at 9.00% p.a. ROI and duration 5 year(s)?

(i) ₹8969.15 (ii) ₹8968.15 (iii) ₹8970.15 (iv) ₹8966.15 (v) ₹8967.15

18. If the compound interest on a certain principal is ₹1747.22 for 4 year(s) at ROI 5.00% p.a. computed half yearly, then what is the compound interest for the same principal and ROI for 5 year(s)?

(i) ₹2242.68 (ii) ₹2241.68 (iii) ₹2238.68 (iv) ₹2240.68 (v) ₹2239.68

19. If the compound interest on a certain principal is ₹2559.43 for 4 year(s) at ROI 7.00% p.a. computed quarterly, then what is the compound interest for the same principal and ROI for 5 year(s)?

(i) ₹3316.23 (ii) ₹3320.23 (iii) ₹3318.23 (iv) ₹3319.23 (v) ₹3317.23

20. If principal is ₹5000.00, ROI is 6.00% p.a., no of year(s) is 3 and interest type is compound interest computed half yearly, then amount is

(i) ₹5972.26 (ii) ₹5970.26 (iii) ₹5969.26 (iv) ₹5971.26 (v) ₹5968.26

21. If the compound interest on a certain principal is ₹1733.22 for 5 year(s) at ROI 4.00% p.a. computed annually, then what is the compound interest for the same principal at 6.00% p.a. ROI and duration 2 year(s)?

(i) ₹990.80 (ii) ₹988.80 (iii) ₹986.80 (iv) ₹989.80 (v) ₹987.80

22. Calculate the amount on ₹6000.00 for 2 years 10 months
at 3.00% p.a. compounded quarterly

(i) ₹6529.27 (ii) ₹6530.27 (iii) ₹6532.27 (iv) ₹6531.27 (v) ₹6528.27

23. If principal is ₹16000.00 and compound interest amount is ₹17665.29 for 5 year(s) computed annually, then ROI per annum is

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

24. If ROI is 3.00% p.a., no of year(s) is 5 and accumulated compound interest is ₹2740.13 computed quarterly, then amount is

(i) ₹19741.13 (ii) ₹19738.13 (iii) ₹19739.13 (iv) ₹19740.13 (v) ₹19742.13

25. If the difference of compound and simple interest on a certain principal is ₹45.75 for ROI 5.00% p.a. and no of year(s) 3 computed annually, then the principal =

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

Assignment Key

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