EduSahara™ Assignment

Name : Simple and Compound Interest

Chapter : Compound Interest

Grade : ICSE Grade X



1. If principal is ₹10000.00, ROI is 5.00% p.a., no of year(s) is 2 computed annually, then the difference of compound and simple interest =

   (i) ₹27.00 (ii) ₹26.00 (iii) ₹23.00 (iv) ₹25.00 (v) ₹24.00

2. If principal is ₹20000.00, ROI is 9.00% p.a., no of year(s) is 3 computed half yearly, then the difference of compound and simple interest =

   (i) ₹647.20 (ii) ₹643.20 (iii) ₹645.20 (iv) ₹646.20 (v) ₹644.20

3. If principal is ₹20000.00, ROI is 7.00% p.a., no of year(s) is 3 computed quarterly, then the difference of compound and simple interest =

   (i) ₹427.79 (ii) ₹430.79 (iii) ₹428.79 (iv) ₹429.79 (v) ₹426.79

4. If principal is ₹13000.00, ROI is 9.00% p.a., no of year(s) is 4 computed bi-monthly, then the difference of compound and simple interest =

   (i) ₹905.54 (ii) ₹904.54 (iii) ₹901.54 (iv) ₹903.54 (v) ₹902.54

5. If the difference of compound and simple interest on a certain principal is ₹446.79 for ROI 5.00% p.a. and no of year(s) 5 computed annually, then the principal =

   (i) ₹16999.00 (ii) ₹17001.00 (iii) ₹17000.00 (iv) ₹17002.00 (v) ₹16998.00

6. If the difference of compound and simple interest on a certain principal is ₹116.87 for ROI 3.00% p.a. and no of year(s) 4 computed half yearly, then the principal =

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

7. If the difference of compound and simple interest on a certain principal is ₹64.53 for ROI 5.00% p.a. and no of year(s) 3 computed quarterly, then the principal =

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

8. If the difference of compound and simple interest on a certain principal is ₹232.69 for ROI 10.00% p.a. and no of year(s) 2 computed bi-monthly, then the principal =

   (i) ₹12002.00 (ii) ₹11998.00 (iii) ₹11999.00 (iv) ₹12000.00 (v) ₹12001.00

9. If the simple interest on a certain principal is ₹1260.00 for 2 year(s) at ROI 7.00% p.a. computed annually, then the compound interest for the same principal, terms and ROI =

   (i) ₹1306.10 (ii) ₹1302.10 (iii) ₹1305.10 (iv) ₹1304.10 (v) ₹1303.10

10. If the simple interest on a certain principal is ₹4200.00 for 5 year(s) at ROI 7.00% p.a. computed half yearly, then the compound interest for the same principal, terms and ROI =

    (i) ₹4927.19 (ii) ₹4926.19 (iii) ₹4929.19 (iv) ₹4928.19 (v) ₹4925.19

11. If the simple interest on a certain principal is ₹7000.00 for 5 year(s) at ROI 7.00% p.a. computed quarterly, then the compound interest for the same principal, terms and ROI =

    (i) ₹8295.56 (ii) ₹8296.56 (iii) ₹8294.56 (iv) ₹8293.56 (v) ₹8297.56

12. If the simple interest on a certain principal is ₹3360.00 for 3 year(s) at ROI 8.00% p.a. computed bi-monthly, then the compound interest for the same principal, terms and ROI =

(i) ₹3769.29 (ii) ₹3768.29 (iii) ₹3770.29 (iv) ₹3771.29 (v) ₹3767.29

13. If the compound interest on a certain principal is ₹2815.97 for 5 year(s) at ROI 8.00% p.a. computed annually, then the simple interest for the same principal, terms and ROI =

(i) ₹2400.00 (ii) ₹2402.00 (iii) ₹2401.00 (iv) ₹2399.00 (v) ₹2398.00

14. If the compound interest on a certain principal is ₹1770.28 for 2 year(s) at ROI 7.00% p.a. computed half yearly, then the simple interest for the same principal, terms and ROI =

(i) ₹1678.00 (ii) ₹1681.00 (iii) ₹1682.00 (iv) ₹1680.00 (v) ₹1679.00

15. If the compound interest on a certain principal is ₹2239.51 for 4 year(s) at ROI 7.00% p.a. computed quarterly, then the simple interest for the same principal, terms and ROI =

(i) ₹1958.00 (ii) ₹1962.00 (iii) ₹1960.00 (iv) ₹1959.00 (v) ₹1961.00

16. If the compound interest on a certain principal is ₹4187.43 for 4 year(s) at ROI 5.00% p.a. computed bi-monthly, then the simple interest for the same principal, terms and ROI =

(i) ₹3800.00 (ii) ₹3799.00 (iii) ₹3801.00 (iv) ₹3798.00 (v) ₹3802.00

17. If the simple interest on a certain principal is ₹2400.00 for 5 year(s) at ROI 4.00% p.a. computed annually, then what is the simple interest for the same principal and ROI for 4 year(s)?

(i) ₹1919.00 (ii) ₹1921.00 (iii) ₹1922.00 (iv) ₹1918.00 (v) ₹1920.00

18. If the simple interest on a certain principal is ₹2880.00 for 4 year(s) at ROI 6.00% p.a. computed half yearly, then what is the simple interest for the same principal and ROI for 5 year(s)?

(i) ₹3600.00 (ii) ₹3599.00 (iii) ₹3598.00 (iv) ₹3601.00 (v) ₹3602.00

19. If the simple interest on a certain principal is ₹660.00 for 3 year(s) at ROI 2.00% p.a. computed quarterly, then what is the simple interest for the same principal and ROI for 5 year(s)?

(i) ₹1099.00 (ii) ₹1101.00 (iii) ₹1102.00 (iv) ₹1100.00 (v) ₹1098.00

20. If the simple interest on a certain principal is ₹1800.00 for 2 year(s) at ROI 10.00% p.a. computed bi-monthly, then what is the simple interest for the same principal and ROI for 4 year(s)?

(i) ₹3599.00 (ii) ₹3600.00 (iii) ₹3598.00 (iv) ₹3602.00 (v) ₹3601.00

## Assignment Key

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|---|---|---|---|---|---|
| 1) (iv) | 2) (iii) | 3) (iii) | 4) (iv) | 5) (iii) | 6) (i) |
| 7) (i) | 8) (iv) | 9) (iv) | 10) (i) | 11) (i) | 12) (i) |
| 13) (i) | 14) (iv) | 15) (iii) | 16) (i) | 17) (v) | 18) (i) |
| 19) (iv) | 20) (ii) | | | | |