

EduSahara™ Learning Center Assignment**Grade : Class IX, ICSE****Chapter : Compound Interest****Name : Compound Interest Computed Half-yearly**

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1. If principal is ₹6000.00, ROI is 7.00% p.a., no of year(s) is 5 and interest type is compound interest computed half yearly, then interest is
- (i) ₹2463.59 (ii) ₹2465.59 (iii) ₹2464.59
(iv) ₹2462.59 (v) ₹2461.59
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2. If principal is ₹10000.00, ROI is 4.00% p.a., no of year(s) is 2 and interest type is compound interest computed half yearly, then amount is
- (i) ₹10826.32 (ii) ₹10825.32 (iii) ₹10823.32
(iv) ₹10824.32 (v) ₹10822.32
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3. If ROI is 6.00% p.a., no of year(s) is 4 and accumulated compound interest is ₹1867.39 computed half yearly, then principal is
- (i) ₹7002.00 (ii) ₹6999.00 (iii) ₹7000.00
(iv) ₹7001.00 (v) ₹6998.00
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4. If ROI is 10.00% p.a., no of year(s) is 4 and accumulated compound interest is ₹7639.29 computed half yearly, then amount is
- (i) ₹23641.29 (ii) ₹23639.29 (iii) ₹23640.29
(iv) ₹23638.29 (v) ₹23637.29
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5. If principal is ₹17000.00, no of year(s) is 5 and accumulated compound interest computed half yearly is ₹8164.15, then ROI per annum is
- (i) 7.00% (ii) 10.00% (iii) 6.00% (iv) 9.00% (v) 8.00%
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6. If principal is ₹19000.00, no of year(s) is 5 and accumulated compound interest computed half yearly is ₹1987.82, then amount is
- (i) ₹20986.82 (ii) ₹20985.82 (iii) ₹20988.82
(iv) ₹20989.82 (v) ₹20987.82
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7. If principal is ₹8000.00, ROI is 8.00% p.a. and accumulated compound interest computed half yearly is ₹1358.87, then no of years is
- (i) 4 (ii) 5 (iii) 3 (iv) 1 (v) 2
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8. If principal is ₹6000.00, ROI is 5.00% p.a. and accumulated compound interest computed half yearly is ₹1310.42, then amount is
- (i) ₹7310.42 (ii) ₹7311.42 (iii) ₹7308.42
(iv) (v)
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₹7312.42 ₹7309.42

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9. If principal is ₹9000.00 and compound interest amount is ₹9553.68 for 3 year(s) computed half yearly, then interest is
- (i) ₹551.68 (ii) ₹554.68 (iii) ₹552.68
(iv) ₹553.68 (v) ₹555.68
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10. If principal is ₹11000.00 and compound interest amount is ₹13117.70 for 2 year(s) computed half yearly, then ROI per annum is
- (i) 11.00% (ii) 10.00% (iii) 8.00% (iv) 7.00% (v) 9.00%
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11. If the compound interest amount for a certain principal is ₹6719.58 for 5 year(s) at an ROI of 6.00% p.a. computed half yearly, then principal is
- (i) ₹4999.00 (ii) ₹5002.00 (iii) ₹4998.00
(iv) ₹5001.00 (v) ₹5000.00
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12. If the compound interest amount for a certain principal is ₹10437.24 for 3 year(s) at an ROI of 5.00% p.a. computed half yearly, then interest is
- (i) ₹1435.24 (ii) ₹1436.24 (iii) ₹1439.24
(iv) ₹1438.24 (v) ₹1437.24
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13. If the compound interest on a certain principal is ₹2910.78 for 3 year(s) at ROI 6.00% p.a. computed half yearly, then what is the compound interest for the same principal and ROI for 5 year(s)?
- (i) ₹5160.75 (ii) ₹5158.75 (iii) ₹5157.75
(iv) ₹5156.75 (v) ₹5159.75
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14. If the compound interest on a certain principal is ₹4081.15 for 3 year(s) at ROI 10.00% p.a. computed half yearly, then what is the compound interest for the same principal and duration at 3.00% p.a. ROI?
- (i) ₹1123.32 (ii) ₹1121.32 (iii) ₹1120.32
(iv) ₹1122.32 (v) ₹1119.32
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15. If the compound interest on a certain principal is ₹1883.20 for 5 year(s) at ROI 2.00% p.a. computed half yearly, then what is the compound interest for the same principal at 7.00% p.a. ROI and duration 3 year(s)?
- (i) ₹4124.60 (ii) ₹4127.60 (iii) ₹4125.60
(iv) ₹4126.60 (v) ₹4128.60
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16. Calculate the amount on ₹13000.00 for 4 years 7 months at 4.00% p.a. compounded half yearly
- (i) ₹15585.99 (ii) ₹15586.99 (iii) ₹15589.99
(iv) ₹15588.99 (v) ₹15587.99
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17. Calculate the amount on ₹14000.00 for $5\frac{1}{5}$ years

at 7.00% p.a. compounded half yearly

(i) ₹20210.18 (ii) ₹20209.18 (iii) ₹20208.18

(iv) ₹20211.18 (v) ₹20207.18

18. If principal is ₹8000.00, ROI is 8.00% p.a., no of year(s) is 2 computed half yearly, then the difference of compound and simple interest =

(i) ₹79.87 (ii) ₹78.87 (iii) ₹80.87

(iv) ₹77.87 (v) ₹76.87

19. If the difference of compound and simple interest on a certain principal is ₹761.82 for ROI 10.00% p.a. and no of year(s) 3 computed half yearly, then the principal =

(i) ₹18999.00 (ii) ₹19001.00 (iii) ₹19002.00

(iv) ₹18998.00 (v) ₹19000.00

Assignment Key

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