EduSahara™ Learning Center Assignment

Grade : Class VIII, CBSE
Chapter : Comparing Quantities
Name : Compound Interest Computed Half-yearly
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1. If principal is ₹6000.00, ROI is 5.00% p.a., no of year(s) is 4 and interest type is compound interest computed half yearly, then interest is

   (i) ₹1310.42 (ii) ₹1312.42 (iii) ₹1311.42

   (iv) ₹1309.42 (v) ₹1308.42

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2. If principal is ₹9000.00, ROI is 9.00% p.a., no of year(s) is 2 and interest type is compound interest computed half yearly, then amount is

   (i) ₹10730.67 (ii) ₹10734.67 (iii) ₹10731.67

   (iv) ₹10732.67 (v) ₹10733.67

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3. If ROI is 3.00% p.a., no of year(s) is 5 and accumulated compound interest is ₹963.24 computed half yearly, then principal is

   (i) ₹5998.00 (ii) ₹6001.00 (iii) ₹5999.00

   (iv) ₹6000.00 (v) ₹6002.00

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4. If ROI is 3.00% p.a., no of year(s) is 3 and accumulated compound interest is ₹1308.21 computed half yearly, then amount is

   (i) ₹15306.21 (ii) ₹15308.21 (iii) ₹15307.21

   (iv) ₹15310.21 (v) ₹15309.21

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5. If principal is ₹12000.00, no of year(s) is 4 and accumulated compound interest computed half yearly is ₹2620.83, then ROI per annum is

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

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6. If principal is ₹11000.00, no of year(s) is 3 and accumulated compound interest computed half yearly is ₹2521.81, then amount is

   (i) ₹13523.81 (ii) ₹13522.81 (iii) ₹13519.81

   (iv) ₹13521.81 (v) ₹13520.81

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7. If principal is ₹7000.00, ROI is 3.00% p.a. and accumulated compound interest computed half yearly is ₹885.45, then no of years is

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

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8. If principal is ₹6000.00, ROI is 7.00% p.a. and accumulated compound interest computed half yearly is ₹2463.59, then amount is

(i) ₹8465.59 (ii) ₹8464.59 (iii) ₹8463.59

(iv) ₹8462.59 (v) ₹8461.59

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9. If principal is ₹9000.00 and compound interest amount is ₹10437.24 for 3 year(s) computed half yearly, then interest is

(i) ₹1439.24 (ii) ₹1436.24 (iii) ₹1435.24

(iv) ₹1437.24 (v) ₹1438.24

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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) 9.00% (iii) 7.00% (iv) 8.00% (v) 10.00%

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11. If the compound interest amount for a certain principal is ₹25534.41 for 5 year(s) at an ROI of 6.00% p.a. computed half yearly, then principal is

(i) ₹19001.00 (ii) ₹18998.00 (iii) ₹19002.00

(iv) ₹19000.00 (v) ₹18999.00

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12. If the compound interest amount for a certain principal is ₹18761.34 for 3 year(s) at an ROI of 10.00% p.a. computed half yearly, then interest is

(i) ₹4760.34 (ii) ₹4763.34 (iii) ₹4762.34

(iv) ₹4759.34 (v) ₹4761.34

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13. If the simple interest on a certain principal is ₹2880.00 for 2 year(s) at ROI 8.00% p.a. computed half yearly, then the compound interest for the same principal, terms and ROI =

(i) ₹3059.45 (ii) ₹3057.45 (iii) ₹3058.45

(iv) ₹3055.45 (v) ₹3056.45

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14. If the compound interest on a certain principal is ₹6288.95 for 5 year(s) at ROI 10.00% p.a. computed half yearly, then the simple interest for the same principal, terms and ROI =

(i) ₹4999.00 (ii) ₹4998.00 (iii) ₹5000.00

(iv) ₹5002.00 (v) ₹5001.00

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15. Calculate the amount on ₹20000.00 for 2 years 8 months

at 2.00% p.a. compounded half yearly

(i) ₹21092.27 (ii) ₹21089.27 (iii) ₹21090.27

(iv) ₹21088.27 (v) ₹21091.27

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16. Calculate the amount on ₹6000.00 for $4\frac{2}{3}$ years
at 2.00% p.a. compounded half yearly

(i) ₹6585.99 (ii) ₹6581.99 (iii) ₹6583.99

(iv) ₹6584.99 (v) ₹6582.99

Assignment Key

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