



1. If principal is ₹10000.00, ROI is 4.00% p.a., no of year(s) is 2 and interest type is compound interest computed quarterly, then interest is  
(i) ₹829.57 (ii) ₹828.57 (iii) ₹830.57 (iv) ₹826.57 (v) ₹827.57
2. If principal is ₹7000.00 and compound interest amount is ₹8316.70 for 2 year(s) computed annually, then interest is  
(i) ₹1317.70 (ii) ₹1314.70 (iii) ₹1318.70 (iv) ₹1316.70 (v) ₹1315.70
3. Calculate the amount on ₹9000.00 for  $5\frac{1}{4}$  years  
at 9.00% p.a. compounded annually  
(i) ₹14160.19 (ii) ₹14159.19 (iii) ₹14157.19 (iv) ₹14158.19 (v) ₹14161.19
4. If principal is ₹10000.00, no of year(s) is 2 and accumulated compound interest computed half yearly is ₹1475.23, then amount is  
(i) ₹11477.23 (ii) ₹11475.23 (iii) ₹11474.23 (iv) ₹11476.23 (v) ₹11473.23
5. If the difference of compound and simple interest on a certain principal is ₹203.04 for ROI 6.00% p.a. and no of year(s) 3 computed quarterly, then the principal =  
(i) ₹12998.00 (ii) ₹13002.00 (iii) ₹13000.00 (iv) ₹12999.00 (v) ₹13001.00
6. Calculate the amount on ₹6000.00 for 4 years 7 months  
at 6.00% p.a. compounded annually  
(i) ₹7839.98 (ii) ₹7840.98 (iii) ₹7841.98 (iv) ₹7837.98 (v) ₹7838.98
7. Calculate the amount on ₹10000.00 for 3 years 8 months  
at 6.00% p.a. compounded half yearly  
(i) ₹12420.73 (ii) ₹12422.73 (iii) ₹12419.73 (iv) ₹12423.73 (v) ₹12421.73
8. If principal is ₹14000.00, ROI is 3.00% p.a., no of year(s) is 3 and interest type is compound interest computed quarterly, then amount is  
(i) ₹15314.30 (ii) ₹15311.30 (iii) ₹15313.30 (iv) ₹15315.30 (v) ₹15312.30
9. If principal is ₹14000.00, no of year(s) is 4 and accumulated compound interest computed annually is ₹5046.85, then ROI per annum is  
(i) 8.00% (ii) 7.00% (iii) 10.00% (iv) 6.00% (v) 9.00%
10. If principal is ₹9000.00, no of year(s) is 5 and accumulated compound interest computed half yearly is ₹3095.25, then ROI per annum is  
(i) 7.00% (ii) 5.00% (iii) 6.00% (iv) 4.00% (v) 8.00%
11. If principal is ₹7000.00, ROI is 5.00% p.a. and accumulated compound interest computed annually is ₹1933.97, then amount is  
(i) ₹8933.97 (ii) ₹8932.97 (iii) ₹8931.97 (iv) ₹8934.97 (v) ₹8935.97

12. If P = Principal, n = no of terms, R = rate of interest, formula for amount at compound interest is  
 (i)  $P[1 + \frac{PR}{100}]^n$  (ii)  $P[1 + \frac{100}{PR}]^n$  (iii)  $P[1 + \frac{100}{P}]^n$  (iv)  $P[1 + \frac{R}{100}]^n$  (v)  $P[1 - \frac{R}{100}]^n$
13. If principal is ₹14000.00, ROI is 4.00% p.a., no of year(s) is 4 and interest type is compound interest computed annually, then interest is  
 (i) ₹2380.02 (ii) ₹2378.02 (iii) ₹2376.02 (iv) ₹2377.02 (v) ₹2379.02
14. If the compound interest on a certain principal is ₹2918.21 for 4 year(s) at ROI 4.00% p.a. computed half yearly, then what is the compound interest for the same principal and duration at 10.00% p.a. ROI?  
 (i) ₹8114.74 (ii) ₹8118.74 (iii) ₹8117.74 (iv) ₹8116.74 (v) ₹8115.74
15. If principal is ₹8000.00 and compound interest amount is ₹9851.51 for 3 year(s) computed quarterly, then interest is  
 (i) ₹1852.51 (ii) ₹1851.51 (iii) ₹1850.51 (iv) ₹1853.51 (v) ₹1849.51
16. A man borrows a ₹11000.00 at 8.00% p.a. compounded annually. If he repays ₹5940.00 at the end of year 1 , ₹1603.80 at the end of year 2 , how much loan is outstanding against him at the beginning of the year 3.  
 (i) ₹4811.40 (ii) ₹4812.40 (iii) ₹4809.40 (iv) ₹4810.40 (v) ₹4813.40
17. If principal is ₹20000.00, ROI is 2.00% p.a., no of year(s) is 2 and interest type is compound interest computed half yearly, then interest is  
 (i) ₹813.08 (ii) ₹811.08 (iii) ₹810.08 (iv) ₹812.08 (v) ₹814.08
18. If principal is ₹13000.00 and compound interest amount is ₹20002.11 for 5 year(s) computed annually, then ROI per annum is  
 (i) 7.00% (ii) 8.00% (iii) 10.00% (iv) 9.00% (v) 11.00%
19. If the compound interest amount for a certain principal is ₹7728.57 for 5 year(s) at an ROI of 2.00% p.a. computed annually, then interest is  
 (i) ₹726.57 (ii) ₹730.57 (iii) ₹729.57 (iv) ₹728.57 (v) ₹727.57
20. A man invests a ₹10000.00 for 4 years at 10.00% p.a. compounded annually. If 10% of the accrued interest at the end of each year is deducted as income tax, find the amount he receives at the end of 4 years.  
 (i) ₹14116.82 (ii) ₹14117.82 (iii) ₹14113.82 (iv) ₹14114.82 (v) ₹14115.82
21. If principal is ₹6000.00, no of year(s) is 5 and accumulated compound interest computed quarterly is ₹2488.67, then ROI per annum is  
 (i) 6.00% (ii) 5.00% (iii) 7.00% (iv) 9.00% (v) 8.00%
22. If principal is ₹6000.00, ROI is 2.00% p.a., no of year(s) is 2 computed half yearly, then the difference of compound and simple interest =  
 (i) ₹3.62 (ii) ₹2.62 (iii) ₹5.62 (iv) ₹1.62 (v) ₹4.62
23. If the compound interest amount for a certain principal is ₹21794.63 for 5 year(s) at an ROI of 5.00% p.a. computed quarterly, then principal is  
 (i) ₹17002.00 (ii) ₹16998.00 (iii) ₹17000.00 (iv) ₹16999.00 (v) ₹17001.00

24. If principal is ₹12000.00, no of year(s) is 3 and accumulated compound interest computed annually is ₹2700.52, then amount is  
(i) ₹14701.52 (ii) ₹14700.52 (iii) ₹14698.52 (iv) ₹14702.52 (v) ₹14699.52
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) 2 computed half yearly, then the principal =  
(i) ₹12000.00 (ii) ₹11998.00 (iii) ₹11999.00 (iv) ₹12001.00 (v) ₹12002.00

## Assignment Key

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