



1. If ROI is 8.00% p.a., no of year(s) is 4 and accumulated compound interest is ₹7209.78 computed annually, then amount is
(i) ₹27207.78 (ii) ₹27209.78 (iii) ₹27210.78 (iv) ₹27208.78 (v) ₹27211.78
2. If ROI is 5.00% p.a., no of year(s) is 5 and accumulated compound interest is ₹5358.71 computed quarterly, then amount is
(i) ₹24357.71 (ii) ₹24356.71 (iii) ₹24359.71 (iv) ₹24360.71 (v) ₹24358.71
3. If the compound interest amount for a certain principal is ₹25900.58 for 3 year(s) at an ROI of 9.00% p.a. computed annually, then interest is
(i) ₹5901.58 (ii) ₹5899.58 (iii) ₹5900.58 (iv) ₹5902.58 (v) ₹5898.58
4. If the compound interest on a certain principal is ₹1363.82 for 2 year(s) at ROI 9.00% p.a. computed quarterly, then what is the compound interest for the same principal and ROI for 3 year(s)?
(i) ₹2142.35 (ii) ₹2140.35 (iii) ₹2143.35 (iv) ₹2141.35 (v) ₹2144.35
5. If the simple interest on a certain principal is ₹2800.00 for 4 year(s) at ROI 7.00% p.a. computed half yearly, then the compound interest for the same principal, terms and ROI =
(i) ₹3170.09 (ii) ₹3168.09 (iii) ₹3167.09 (iv) ₹3166.09 (v) ₹3169.09
6. A man invests a ₹10000.00 for 4 years at 3.00% p.a. compounded annually. If 8% 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) ₹11149.55 (ii) ₹11151.55 (iii) ₹11148.55 (iv) ₹11150.55 (v) ₹11152.55
7. If principal is ₹13000.00, ROI is 7.00% p.a. and accumulated compound interest computed half yearly is ₹5337.78, then amount is
(i) ₹18338.78 (ii) ₹18339.78 (iii) ₹18336.78 (iv) ₹18335.78 (v) ₹18337.78
8. A man borrows a ₹10000.00 at 8.00% p.a. compounded annually. If he repays ₹2700.00 at the end of year 1 , ₹2187.00 at the end of year 2 , how much loan is outstanding against him at the beginning of the year 3.
(i) ₹6562.00 (ii) ₹6560.00 (iii) ₹6563.00 (iv) ₹6561.00 (v) ₹6559.00
9. If the difference of compound and simple interest on a certain principal is ₹179.19 for ROI 3.00% p.a. and no of year(s) 5 computed half yearly, then the principal =
(i) ₹17000.00 (ii) ₹16999.00 (iii) ₹17002.00 (iv) ₹16998.00 (v) ₹17001.00
10. If the compound interest on a certain principal is ₹1316.70 for 2 year(s) at ROI 9.00% p.a. computed annually, then the simple interest for the same principal, terms and ROI =
(i) ₹1258.00 (ii) ₹1259.00 (iii) ₹1260.00 (iv) ₹1262.00 (v) ₹1261.00
11. If the compound interest on a certain principal is ₹1532.96 for 5 year(s) at ROI 4.00% p.a. computed half yearly, then what is the compound interest for the same principal and ROI for 4 year(s)?
(i) ₹1203.62 (ii) ₹1199.62 (iii) ₹1202.62 (iv) ₹1201.62 (v) ₹1200.62

12. If principal is ₹12000.00 and compound interest amount is ₹14038.30 for 4 year(s) computed annually, then interest is
(i) ₹2040.30 (ii) ₹2039.30 (iii) ₹2038.30 (iv) ₹2037.30 (v) ₹2036.30
13. If the compound interest amount for a certain principal is ₹13370.57 for 4 year(s) at an ROI of 5.00% p.a. computed annually, then principal is
(i) ₹11001.00 (ii) ₹11000.00 (iii) ₹10999.00 (iv) ₹11002.00 (v) ₹10998.00
14. If ROI is 6.00% p.a., no of year(s) is 3 and accumulated compound interest is ₹1746.47 computed half yearly, then principal is
(i) ₹9000.00 (ii) ₹8998.00 (iii) ₹8999.00 (iv) ₹9001.00 (v) ₹9002.00
15. If principal is ₹13000.00, ROI is 4.00% p.a., no of year(s) is 5 and interest type is compound interest computed half yearly, then interest is
(i) ₹2844.93 (ii) ₹2847.93 (iii) ₹2846.93 (iv) ₹2848.93 (v) ₹2845.93
16. If principal is ₹20000.00, ROI is 6.00% p.a., no of year(s) is 4 and interest type is compound interest computed quarterly, then interest is
(i) ₹5380.71 (ii) ₹5377.71 (iii) ₹5378.71 (iv) ₹5381.71 (v) ₹5379.71
17. If the compound interest amount for a certain principal is ₹17240.15 for 3 year(s) at an ROI of 7.00% p.a. computed quarterly, then principal is
(i) ₹13999.00 (ii) ₹14001.00 (iii) ₹13998.00 (iv) ₹14000.00 (v) ₹14002.00
18. Calculate the amount on ₹16000.00 for $3\frac{11}{12}$ years at 10.00% p.a. compounded half yearly
(i) ₹23451.67 (ii) ₹23452.67 (iii) ₹23453.67 (iv) ₹23450.67 (v) ₹23449.67
19. If the simple interest on a certain principal is ₹2100.00 for 5 year(s) at ROI 3.00% p.a. computed quarterly, then the compound interest for the same principal, terms and ROI =
(i) ₹2257.58 (ii) ₹2255.58 (iii) ₹2254.58 (iv) ₹2256.58 (v) ₹2258.58
20. If the difference of compound and simple interest on a certain principal is ₹27.54 for ROI 3.00% p.a. and no of year(s) 4 computed annually, then the principal =
(i) ₹5000.00 (ii) ₹5002.00 (iii) ₹4999.00 (iv) ₹4998.00 (v) ₹5001.00
21. If the compound interest on a certain principal is ₹758.96 for 2 year(s) at ROI 6.00% p.a. computed quarterly, then what is the compound interest for the same principal and duration at 4.00% p.a. ROI?
(i) ₹497.14 (ii) ₹498.14 (iii) ₹495.14 (iv) ₹496.14 (v) ₹499.14
22. If principal is ₹18000.00, ROI is 2.00% p.a., no of year(s) is 3 computed quarterly, then the difference of compound and simple interest =
(i) ₹28.20 (ii) ₹30.20 (iii) ₹31.20 (iv) ₹29.20 (v) ₹32.20
23. If the compound interest amount for a certain principal is ₹11720.34 for 3 year(s) at an ROI of 9.00% p.a. computed half yearly, then interest is
(i) ₹2722.34 (ii) ₹2718.34 (iii) ₹2721.34 (iv) ₹2719.34 (v) ₹2720.34

24. If principal is ₹19000.00, no of year(s) is 3 and accumulated compound interest computed quarterly is ₹6552.89, then amount is

- (i) ₹25550.89 (ii) ₹25551.89 (iii) ₹25553.89 (iv) ₹25554.89 (v) ₹25552.89

25. If P = Principal, n = no of terms, R = rate of interest, formula for amount at compound interest is

- (i) $P[1 + \frac{100}{PR}]^n$ (ii) $P[1 + \frac{R}{100}]^n$ (iii) $P[1 + \frac{100}{P}]^n$ (iv) $P[1 + \frac{PR}{100}]^n$ (v) $P[1 - \frac{R}{100}]^n$

Assignment Key

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