Name : Compound Interest

Chapter: Compound Interest

Grade: ICSE Grade X

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- If principal is ₹20000.00, ROI is 6.00% p.a., no of year(s) is 4 and interest type is compound interest computed annually, then interest is
 - (i) ₹5251.54 (ii) ₹5247.54 (iii) ₹5250.54 (iv) ₹5249.54 (v) ₹5248.54
- 2. If principal is ₹9000.00, ROI is 8.00% p.a., no of year(s) is 5 and interest type is compound interest computed annually, then amount is
 - (i) ₹13221.95 (ii) ₹13223.95 (iii) ₹13222.95 (iv) ₹13224.95 (v) ₹13225.95
- 3. If principal is ₹11000.00, ROI is 5.00% p.a., no of year(s) is 2 and interest type is compound interest computed half yearly, then interest is
 - (i) ₹1139.94 (ii) ₹1142.94 (iii) ₹1143.94 (iv) ₹1140.94 (v) ₹1141.94
- 4. If principal is ₹6000.00, ROI is 10.00% p.a., no of year(s) is 5 and interest type is compound interest computed half yearly, then amount is
 - (i) ₹9775.37 (ii) ₹9772.37 (iii) ₹9773.37 (iv) ₹9771.37 (v) ₹9774.37
- 5. If principal is ₹19000.00, ROI is 5.00% p.a., no of year(s) is 5 and interest type is compound interest computed quarterly, then interest is
 - (i) ₹5359.71 (ii) ₹5360.71 (iii) ₹5358.71 (iv) ₹5357.71 (v) ₹5356.71
- 6. If principal is ₹12000.00, ROI is 9.00% p.a., no of year(s) is 2 and interest type is compound interest computed quarterly, then amount is
 - (i) ₹14335.97 (ii) ₹14338.97 (iii) ₹14336.97 (iv) ₹14339.97 (v) ₹14337.97
- 7. If principal is ₹11000.00, ROI is 5.00% p.a., no of year(s) is 2 and interest type is compound interest computed bimonthly, then interest is
 - (i) ₹1152.84 (ii) ₹1151.84 (iii) ₹1149.84 (iv) ₹1150.84 (v) ₹1153.84
- 8. If principal is ₹13000.00, ROI is 6.00% p.a., no of year(s) is 2 and interest type is compound interest computed bimonthly, then amount is
 - (i) ₹14649.73 (ii) ₹14648.73 (iii) ₹14646.73 (iv) ₹14650.73 (v) ₹14647.73
- 9. If principal is ₹6000.00, ROI is 9.00% p.a., no of year(s) is 3 and interest type is compound interest computed monthly, then interest is
 - (i) ₹1850.87 (ii) ₹1851.87 (iii) ₹1852.87 (iv) ₹1849.87 (v) ₹1853.87
- 10. If principal is ₹9000.00, ROI is 3.00% p.a., no of year(s) is 4 and interest type is compound interest computed monthly, then amount is
 - (i) ₹10146.95 (ii) ₹10145.95 (iii) ₹10147.95 (iv) ₹10143.95 (v) ₹10144.95
- 11. If ROI is 5.00% p.a., no of year(s) is 2 and accumulated compound interest is ₹1640.00 computed annually, then principal is
 - (i) ₹15998.00 (ii) ₹16002.00 (iii) ₹16001.00 (iv) ₹16000.00 (v) ₹15999.00

- If ROI is 2.00% p.a., no of year(s) is 5 and accumulated compound interest is ₹1873.45 computed annually, then 12. (i) ₹19873.45 (ii) ₹19871.45 (iii) ₹19875.45 (iv) ₹19872.45 (v) ₹19874.45 If ROI is 5.00% p.a., no of year(s) is 2 and accumulated compound interest is ₹1038.13 computed half yearly, then principal is (i) ₹10001.00 (ii) ₹10002.00 (iii) ₹9998.00 (iv) ₹10000.00 (v) ₹9999.00 If ROI is 10.00% p.a., no of year(s) is 5 and accumulated compound interest is ₹3773.37 computed half yearly, then amount is (i) ₹9775.37 (ii) ₹9772.37 (iii) ₹9771.37 (iv) ₹9773.37 (v) ₹9774.37 If ROI is 5.00% p.a., no of year(s) is 4 and accumulated compound interest is ₹1319.34 computed quarterly, then principal is (i) ₹6000.00 (ii) ₹5998.00 (iii) ₹6002.00 (iv) ₹5999.00 (v) ₹6001.00 If ROI is 5.00% p.a., no of year(s) is 4 and accumulated compound interest is ₹1319.34 computed quarterly, then amount is (i) ₹7320.34 (ii) ₹7319.34 (iii) ₹7321.34 (iv) ₹7318.34 (v) ₹7317.34 If ROI is 5.00% p.a., no of year(s) is 4 and accumulated compound interest is ₹2203.91 computed bi-monthly, then principal is (i) ₹10001.00 (ii) ₹10002.00 (iii) ₹10000.00 (iv) ₹9999.00 (v) ₹9998.00 If ROI is 9.00% p.a., no of year(s) is 5 and accumulated compound interest is ₹4504.64 computed bi-monthly, 18. then amount is (i) ₹12503.64 (ii) ₹12502.64 (iii) ₹12505.64 (iv) ₹12506.64 (v) ₹12504.64 If ROI is 5.00% p.a., no of year(s) is 3 and accumulated compound interest is ₹1453.25 computed monthly, then 19. principal is (i) ₹8999.00 (ii) ₹8998.00 (iii) ₹9002.00 (iv) ₹9000.00 (v) ₹9001.00 If ROI is 8.00% p.a., no of year(s) is 3 and accumulated compound interest is ₹2432.13 computed monthly, then 20. amount is (i) ₹11430.13 (ii) ₹11431.13 (iii) ₹11433.13 (iv) ₹11434.13 (v) ₹11432.13 If principal is ₹15000.00, no of year(s) is 5 and accumulated compound interest computed annually is ₹8079.36, then ROI per annum is (i) 10.00% (ii) 7.00% (iii) 8.00% (iv) 9.00% (v) 11.00% If principal is ₹19000.00, no of year(s) is 2 and accumulated compound interest computed annually is ₹3161.60, then amount is (i) ₹22161.60 (ii) ₹22163.60 (iii) ₹22162.60 (iv) ₹22160.60 (v) ₹22159.60 If principal is ₹10000.00, no of year(s) is 4 and accumulated compound interest computed half yearly is
 - 24. If principal is ₹9000.00, no of year(s) is 4 and accumulated compound interest computed half yearly is ₹1965.63, then amount is
 - (i) ₹10965.63 (ii) ₹10967.63 (iii) ₹10966.63 (iv) ₹10964.63 (v) ₹10963.63

(i) 9.00% (ii) 8.00% (iii) 6.00% (iv) 5.00% (v) 7.00%

₹3168.09, then ROI per annum is

25. If principal is ₹9000.00, no of year(s) is 2 and accumulated compound interest computed quarterly is ₹745.71, then ROI per annum is
(i) 5.00% (ii) 4.00% (iii) 2.00% (iv) 6.00% (v) 3.00%
26. If principal is ₹17000.00, no of year(s) is 2 and accumulated compound interest computed quarterly is ₹2918.21, then amount is
(i) ₹19920.21 (ii) ₹19919.21 (iii) ₹19918.21 (iv) ₹19916.21 (v) ₹19917.21
27. If principal is ₹9000.00, no of year(s) is 2 and accumulated compound interest computed bi-monthly is ₹1141.43, then ROI per annum is
(i) 4.00% (ii) 8.00% (iii) 6.00% (iv) 7.00% (v) 5.00%
If principal is ₹6000.00, no of year(s) is 5 and accumulated compound interest computed bi-monthly is ₹1696.18, then amount is
(i) ₹7695.18 (ii) ₹7697.18 (iii) ₹7694.18 (iv) ₹7696.18 (v) ₹7698.18
If principal is ₹7000.00, no of year(s) is 3 and accumulated compound interest computed monthly is ₹1376.76, then ROI per annum is
(i) 6.00% (ii) 4.00% (iii) 7.00% (iv) 8.00% (v) 5.00%
30. If principal is ₹8000.00, no of year(s) is 2 and accumulated compound interest computed monthly is ₹1571.31, then amount is
(i) ₹9569.31 (ii) ₹9570.31 (iii) ₹9571.31 (iv) ₹9573.31 (v) ₹9572.31
If principal is ₹15000.00, ROI is 6.00% p.a. and accumulated compound interest computed annually is ₹3937.15, then no of years is
(i) 2 (ii) 3 (iii) 6 (iv) 4 (v) 5
If principal is ₹12000.00, ROI is 6.00% p.a. and accumulated compound interest computed annually is ₹4058.71, then amount is
(i) ₹16056.71 (ii) ₹16059.71 (iii) ₹16057.71 (iv) ₹16060.71 (v) ₹16058.71
If principal is ₹13000.00, ROI is 3.00% p.a. and accumulated compound interest computed half yearly is ₹797.73, then no of years is
(i) 4 (ii) 1 (iii) 5 (iv) 2 (v) 3
If principal is ₹10000.00, ROI is 3.00% p.a. and accumulated compound interest computed half yearly is ₹934.43, then amount is
(i) ₹10933.43 (ii) ₹10935.43 (iii) ₹10932.43 (iv) ₹10934.43 (v) ₹10936.43
If principal is ₹18000.00, ROI is 5.00% p.a. and accumulated compound interest computed quarterly is ₹3958.01, then no of years is
(i) 4 (ii) 5 (iii) 3 (iv) 6 (v) 2
If principal is ₹10000.00, ROI is 3.00% p.a. and accumulated compound interest computed quarterly is ₹615.99, then amount is
(i) ₹10616.99 (ii) ₹10614.99 (iii) ₹10617.99 (iv) ₹10613.99 (v) ₹10615.99
37. If principal is ₹16000.00, ROI is 6.00% p.a. and accumulated compound interest computed bi-monthly is ₹4315.75, then no of years is

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

- 38. If principal is ₹14000.00, ROI is 10.00% p.a. and accumulated compound interest computed bi-monthly is ₹8987.17, then amount is
 - (i) ₹22989.17 (ii) ₹22986.17 (iii) ₹22988.17 (iv) ₹22987.17 (v) ₹22985.17
- 39. If principal is ₹10000.00, ROI is 8.00% p.a. and accumulated compound interest computed monthly is ₹1728.88, then no of years is
 - (i) 4 (ii) 5 (iii) 1 (iv) 2 (v) 3
- 40. If principal is ₹17000.00, ROI is 5.00% p.a. and accumulated compound interest computed monthly is ₹1784.00, then amount is
 - (i) ₹18784.00 (ii) ₹18782.00 (iii) ₹18786.00 (iv) ₹18783.00 (v) ₹18785.00

Assignment Key						
1) (iv)	2) (ii)	3) (v)	4) (iii)	5) (iii)	6) (v)	
7) (ii)	8) (ii)	9) (ii)	10) (ii)	11) (iv)	12) (i)	
13) (iv)	14) (iv)	15) (i)	16) (ii)	17) (iii)	18) (v)	
19) (iv)	20) (v)	21) (iv)	22) (i)	23) (v)	24) (i)	
25) (ii)	26) (iii)	27) (iii)	28) (iv)	29) (i)	30) (iii)	
31) (iv)	32) (v)	33) (iv)	34) (iv)	35) (i)	36) (v)	
37) (iii)	38) (iv)	39) (iv)	40) (i)			

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