

SI and CI & TIME and WORK Practice Questions

- 1) The simple interest accrued on an amount of Rs 22,500 at the end of four years is Rs 10,800. What would be the compound interest accrued on the same amount at the same rate at the end of two years?
(a) Rs 14,908 (b) Rs 5,724 (c) Rs 26,234 (d) Rs 8,568 (e) None
- 2) What is the difference between the simple and compound interest on Rs 7300 at the rate of 6% p.a. in 2 years?
(a) Rs 29.37 (b) Rs 26.28 (c) Rs 31.41 (d) Rs 23.22 (e) Rs 21.34
- 3) The value of machine which was purchased 2 years ago, depreciates at 12% p.a. If its present value is Rs 9680 , for how much was it purchased?
(a) Rs 12,142.60 (b) Rs 11,350.50 (c) Rs 12,500 (d) Rs 10,200
- 4) What will be the compound interest of Rs 48,000 at the rate of 10% for a period of 1.5 years, if the rate of interest is calculated on the basis of six months(half yearly)?
(a) Rs 6566 (b) Rs 7566 (c) Rs 8566 (d) Rs 7577
- 5) A sum of money is borrowed and paid back in two annual instalments of Rs 882 each along with 5 % compound interest. The sum borrowed was?
(a) Rs 1620 (b) Rs 1640 (c) Rs 1680 (d) Rs 1700
- 6) The time in which Rs 80,000 amounts to Rs 92,610 at 10 % p.a. compound interest, interest being compounded semi-annual is?
(a) 1.5 years (b) 2 years (c) Rs 2.5 years (d) Rs 3 years
- 7) A sum of Rs 3200 invested at 10% p.a. compounded quarterly amounts to Rs 3362. Compute the time period?
(a) 0.5 year (b) 1 year (c) 2 years (d) 0.75 year
- 8) If the difference between the simple and compound interest on a sum of money for 2 years at 4% p.a. is Rs 80, the sum is?
(a) Rs 5,000 (b) Rs 50,000 (c) Rs 10,000 (d) Rs 1000

18) A and B can together finish a work in 30 days. They worked at it for 20 days and then B left. The remaining work was done by A alone in 20 more days. A alone can finish the work in?
(a) 60 days (b) 54 days (c) 48 days (d) 50 days (e) None

19) A, B and C together earn Rs 150 per days while A and C together earn Rs 94 and B and C together earn Rs 76. The daily earning of C is?
(a) Rs 56 (b) Rs 20 (c) Rs 34 (d) Rs 75 (e) None

20) A can do a piece of work in 16 days and B in 24 days. They take the help of C and three together finish the work in 6 days. If the total remuneration for the work is Rs 400, the amount (in Rs) each will receive in proportion to do the work is?
(a) A/150, B/100, C/150 (b) A/100, B/150, C/150 (c) A/150, B/150, C/100 (d) None