

SRI KRISHNAVENI COACHING CENTRE

Lakshmi Peta, Yemmiganur – 518360. Cell : 9885303408

Website: www.krishnaveni632.yolasite.com

Sub: Arithmetic

COMPOUND INTEREST

Exam for: SSC/Banking

- What does Rs. 250 amounts to in 2 years with compound interest at the rate of 4% in the 1st year and 8% in the second year?
(1) Rs.250 (2) Rs.280.80 (3) Rs.468 (4) Rs.290.80
- Sita deposited Rs.5,000 at 10% simple interest for 2 years. How much more money will Sita have in her account at the end of two years, if it is compounded semiannually.
(1) Rs. 50 (2) Rs.40 (3) Rs.77.50(4) Rs.85.50
- A sum of Rs.210 was taken as a loan. This is to be paid back in two equal instalments. If the rate of interest be 10% compounded annually, then the value of each installment is
(1) Rs.127 (2) Rs.121 (3) Rs.210 (4) Rs.225
- Kamal took Rs.6800 as a loan which along with interest is to be repaid in two equal annual instalments. If the rate of interest is $12\frac{1}{2}\%$, compounded annually, then the value of each installment is
(1) Rs.8100 (2) Rs.4150
(2) Rs.4050 (4) Rs.4000
- The compound interest on a certain sum for two successive years are Rs.225 and Rs 238.50. The rate of interest per annum is
(1) $7\frac{1}{2}\%$ (2) 5%(3) 10% (4) 6%
- A certain amount of money at $r\%$, compounded annually after two and three years becomes Rs.1440 and Rs.1728 respectively. r is
(1) 5 (2) 10 (3) 15 (4) 20
- If the amount is $3\frac{3}{8}$ times the sum after 3 years at compound interest compounded annually. Then the rate of interest per annum is
(1) 25% (2) 50% (3) $16\frac{2}{3}\%$ (4) $33\frac{1}{3}\%$
- A sum of money at compound interest doubles itself in 15 years. It will become eight times of itself in
(1) 45 years (2) 48 years (3) 54 years (4) 60 years
- A sum of money invested at compound interest doubles itself in 6 years. At the same rate of interest it will amount to eight times of itself in
(1) 15 years (2) 12 years (3) 18 years (4) 10 years
- A sum borrowed under compound interest doubles itself in 10 years. When will it become fourfold of itself at the same rate of interest?
(1) 15 years (2) 20 years
(3) 24 years (4) 40 years
- Find the difference between the compound interest and the simple interest on Rs.32,000 10% p.a. for 4 years
(1) Rs.2051.20 (2) Rs. 2052.50
(3) Rs.2025.20 (4) Rs. 2501.20
- The difference between the compound interest and simple interest on Rs.10,000 for 2 years in Rs.25. The rate of interest per annum is
(1) 5% (2) 7% (3) 10% (4) 12%
- The difference between simple interest and compound interest of a certain sum of money at 20% per annum for 2 years is Rs.48. Then the sum is
(1) Rs.1,000 (2) Rs.1,200
(3) Rs.1,500 (4) Rs. 2,000
- A sum of Rs.6,000 is deposited for 3 years at 5% per annum compound interest (compounded annually). The difference of interests for 3 and 2 years will
(1) Rs.75.00 (2) Rs.30.75
(3) Rs. 330.75 (4) Rs. 375.00
- If the compounded interest on a sum for 2 years at $12\frac{1}{2}\%$ p.a. is Rs.510, the simple interest on the same sum at the same rate for the same period of time is
(1) Rs. 400 (2) Rs. 450 (3) Rs. 460 (4) Rs. 480
- A sum becomes Rs. 2,916 in 2 years at 8% p.a. compounded interest. The simple interest at 9% p.a. for 3 years on the same amount will be
(1) Rs. 600 (2) Rs. 675 (3) Rs. 650 (4) Rs. 625
- The compounded interest on a sum of money for 2 years is Rs.615 and the simple interest for the same period is Rs.600. Find the principal.
(1) Rs. 6,500 (2) Rs. 6,000
(3) Rs. 8,000 (4) Rs. 9,500
- A man saves Rs.2000 at the end of each year and invests the money at 5% compound interest. At the end of 3 years he will have
(1) Rs.4305 (2) Rs.6305
(2) Rs. 4205 (3) Rs. 2205
- A sum of Rs. 8000 will amount to Rs.8820 in 2 years if the interest is calculated every year. The rate of compound interest is
(1) 6% (2) 7% (3) 3% (4) 5%
- In what time will Rs.1000 amounts to Rs.1331 at 20% per annum, compounded half years?
(1) $1\frac{1}{2}$ years (2) 2 years (3) 1 years (4) $2\frac{1}{2}$ years