

Practice Exercise

Level - I

35. A sum of money becomes 1.331 times in 3 years as compound interest. The rate of interest is [SSC-MT-2013]
 (a) 50% (b) 8%
 (c) 7.5% (d) 10%
36. A person deposited ₹ 500 for 4 years and ₹ 600 for 3 years at the same rate of simple interest in a bank. Altogether he received ₹ 190 as interest. The rate of simple interest per annum was [SSC-MT-2013]
 (a) 3% (b) 4%
 (c) 5% (d) 2%
37. The difference between the interests received from two different banks on ₹ 500 for 2 years is ₹ 2.50. The difference between their rates is: [SSC 10+2-2012]
 (a) 0.5% (b) 2.5%
 (c) 0.25% (d) 1%
38. A principal of ₹ 10,000, after 2 years compounded annually, the rate of interest being 10% per annum during the first year and 12% per annum during the second year (in rupees) will amount to: [SSC 10+2-2012]
 (a) 12,000 (b) 12,320
 (c) 12,500 (d) 11,320
39. A sum becomes ₹ 2,916 in 2 years at 8% per annum compound interest. The simple interest at 9% per annum for 3 years on the same amount will be [SSC 10+2-2013]
 (a) ₹ 625 (b) ₹ 600
 (c) ₹ 675 (d) ₹ 650
40. The population of a village increases by 5% annually. If its present population is 4410, then its population 2 years ago was [SSC 10+2-2014]
 (a) 4500 (b) 4000
 (c) 3800 (d) 3500
41. A sum of ₹ 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 instalment is [SSC 10+2-2014]
 (a) ₹ 127 (b) ₹ 121
 (c) ₹ 210 (d) ₹ 225
42. ₹ 64,000 will amount to ₹ 68,921 at 5% per annum and interest payable half yearly in [SSC 10+2-2014]
 (a) $3\frac{1}{2}$ years (b) 2 years
 (c) $2\frac{1}{2}$ years (d) $1\frac{1}{2}$ years
43. If the simple interest and compound interest at the same rate of certain amount for 2 years are ₹ 400 & ₹ 420 respectively, then the rate of interest is [SSC 10+2-2014]
 (a) 12% (b) 8%
 (c) 10% (d) 11%
44. What would be the compound interest obtained on an amount of ₹ 1,210 at the rate of 6. p.c.p.a. after a year? [IBPS Clerk-2012]
 (a) ₹ 70.50 (b) ₹ 74.60
 (c) ₹ 73.80 (d) ₹ 72.60
 (e) None of these
45. What is the difference between the simple and compound interest earned from a sum of ₹ 13,033 at a rate of 13 percent per annum for a period of 3 years (rounded off to 2 digits after decimal)? [IBPS Clerk-2012]
 (a) ₹ 5,082.87 (b) ₹ 689.41
 (c) ₹ 5,772.28 (d) ₹ 680.94
 (e) None of these
46. ₹ 58,750 amounts to ₹ 79,900 in four years at simple interest. What is the rate of interest paid? [IBPS Clerk-2012]
 (a) 14 (b) 13
 (c) 12 (d) 16
 (e) 9
47. How much will a sum of ₹ 12,000 deposited at a rate of 9% per annum (simple interest) for 13 years amount to? [IBPS Clerk-2012]
 (a) ₹ 14,040 (b) ₹ 20,650
 (c) ₹ 13,404 (d) ₹ 27,800
 (e) ₹ 26,040
48. Simple interest on a sum of money for 4 yrs at 7 pcpa is ₹ 3584. What would be the compound interest (compounded annually) on the same amount of money for 2 yr at 4 pcpa? [IBPS Clerk-2013]
 (a) ₹ 1162.32 (b) ₹ 1098.72
 (c) ₹ 992.38 (d) ₹ 1231.76
 (e) ₹ 1044.48

Level - II

1. The compound interest on a certain sum for 2 years at 10% per annum is ₹ 1260. The simple interest on the same sum for double the time at half the rate per cent per annum is
 (a) ₹ 1200 (b) ₹ 1160
 (c) ₹ 1208 (d) ₹ 1175
2. The simple interest on a sum of money will be ₹ 300 after 5 years. In the next 5 years principal is trebled, what will be the total interest at the end of the 10th year?
 (a) 1200 (b) 900
 (c) 600 (d) 1500
3. A person lent a certain sum of money at 4% simple interest; and in 8 years the interest amounted to ₹ 340 less than the sum lent. Find the sum lent.
 (a) 500 (b) 600
 (c) 1000 (d) 1500
4. A sum was put at simple interest at a certain rate for 2 years. Had it been put at 1% higher rate, it would have fetched ₹ 24 more? The sum is
 (a) 1200 (b) 1500
 (c) 1800 (d) 2000

