

## Simple and Compound Interest

1. What sum of money will amount to Rs.2,704 in 2years at 4% Compound interest?

a. Rs.2000 b. Rs.2200 c. Rs.2500 d. Rs.1800

Answer: c

2. The C.I on a sum of money for 2 years at 10% is Rs.168. Find the simple interest.

a. Rs.150 b. Rs.158 c. Rs.160 d. Rs.164

Answer: c

3. In how many years will a sum of Rs.1,000 becomes Rs.1,331 at 10% per annum compounded annually?

a. 3 yrs b. 2 yrs c. 4 yrs d. 5 yrs

Answer: a

4. A sum of money at simple interest amounts to Rs.815 in 3years and to Rs.854 in 4 years. Find the sum.

a. Rs.650 b. Rs.690 c. Rs.698 d. Rs.700

Answer: c

5. What will be the simple interest earned on an amount of Rs.16,800 in 9 months at the rate of  $6\frac{1}{4}$  % p.a?

a. Rs.697.75 b. Rs.787.50 c. Rs.567.30 d. Rs.897.60

Answer: b

6. What will be the compound interest on a sum of Rs.25,000 after 3 years at the rate 12p.c per annum?

a. Rs.20,000 b. Rs.12,800.20 c. Rs.10,123.20 d. Rs.10,000

**Answer: c**

**7. At what rate of compound interest per annum will a sum of Rs.1,200 become Rs.1348.32 in 2 years**

**a. 6% b. 6.5% c. 7% d. 7.5%**

**Answer: a**

**8. The simple interest on Rs.7,500 at 6% per annum for 8years is a. Rs.4,200 b. Rs.3,600 c. Rs.2,800 d. Rs.3,400**

**Answer: b**

**9. Find the simple interest on Rs.8000 at 7% per annum for 1year 6 months.**

**a. Rs.730 b. Rs.800 c. Rs.840 d. Rs.715**

**Answer: c**

**10. Find the simple interest on Rs.1000 from April9, 2010 to June 9, 2010 at 7 1/2 % per annum.**

**a. Rs.12.74 b. Rs.12.50 c. Rs.13.07 d. Rs.13.50**

**Answer: a**

**11. A bank gives 6% SI on deposits. Find the amount to be deposited to earn an interest of Rs.45 in one year.**

**a. Rs.450 b. Rs.750 c. Rs.1000 d. Rs.800**

**Answer: b**

**12. Find the rate of interest at which, a sum of money becomes 9/4 times in 2years.**

**a. 69 1/2 % b. 67 1/2 % c. 62 1/2 % d. 61 1/2 %**

**Answer: c**

**13. Simple interest on Rs.1000 at 10% for 2years is**

- a. Rs.1000 b. Rs.200 c. Rs.100 d. Rs.2000**

**Answer: b**

**14. Find the rate percent at which a sum of money becomes 7/6 times in 3 years?**

- a. 12% b.  $5\frac{5}{9}\%$  c.  $6\frac{5}{9}\%$  d. 24%**

**Answer: b**

**15. In how many years will a sum of money double itself at 12% per annum?**

- a. 4 years 2 months b. 5 years 6 months c. 8 years 4 months d. 9 years 2 months**

**Answer: c**

**16. How much time will it take for an amount Rs.2,000 to double at a simple interest rate 8%?**

- a. 25.5 years b. 10.5 years c. 8.5 years d. 12.5 years**

**Answer: d**

**17. A sum of money triples itself at 8% per annum over a certain time. Find the no. of years**

- a. 25 years b. 20 years c. 30 years d. 15 years**

**Answer: a**

**18. The difference in compound interest and simple interest on a certain amount at 10% per annum at the end of the third year is Rs.930. The principal amount is**

- a. Rs.20,000 b. Rs.25,000 c. Rs.30,000 d. Rs.30,500**

**Answer: c**

19. The difference between compound interest and simple interest on an amount of Rs.15,000 for 2 years is Rs.96, then the rate of interest per annum is

- a. 12 b. 8 c. 6 d. 10

Answer: b

20. If the difference between simple interest and compound interest on a certain sum for 3 years at 10% per annum is Rs.31, find the sum.

- a. Rs.3,000 b. Rs.3,100 c. Rs.1,000 d. Rs.2,000

Answer: c

21. Find the difference between simple interest and compound interest for a sum of Rs.8000 lent at 10% p.a in 2years

- a. 90 b. 100 c. 80 d. 70

Answer: c

22. The difference between simple and compound interest for a sum of Rs. 12,00 lent at 10% per annum in 2years is,

- a. Rs.80 b. Rs.90 c. Rs.120 d. Rs.100

Answer: c

23. What will be the difference between simple and compound interest at 10% per annum on a sum of Rs.1000 after 4years?

- a. Rs.32.10 b. Rs.64.10 c. Rs.65.20 d. Rs.66.45

Answer: b

24. The difference between simple interest and compound interest for two years on a sum of money lent at 4% is Rs.4.80. Find the sum.

- a. Rs.120 b. Rs.3000 c. Rs.3010 d. Rs.768

Answer: b

25. A sum of Rs. 1,550 was lent partly at 5% and partly at 8% per annum at simple interest. The total interest received after 3 years was Rs.300. The ratio of the money lent at 5% to that lent at 8% is

- a. 5:8 b. 8:5 c. 16:15 d. 31:6

**Answer: c**

26. A sum of Rs.800 amounts to Rs.920 in 3years at a simple interest. If the interest rate is increased by 3%. What would Rs.800 amount to?

- a. 950 b. 970 c. 992 d. 1000

**Answer: c**

27. If A lends Rs.3,500 to B at 10% per annum in simple interest, and B lends the same to C at 11.5% per annum in simple interest, then find the gain of B in a period of 3years.

- a. Rs.154.50 b. Rs.155.50 c. Rs.156.50 d. Rs.157.50

**Answer: d**

28. A person invests a total of Rs.2,600 in three different investment plans which gives the return at 4%, 6% and 8% simple interest. At the end of a year, if the interest got in all the three plans are the same the money he invested in the first plan (which gives 4% interest) is

- a. Rs.200 b. Rs.600 c. Rs.800 d. Rs.1200

**Answer: d**

29. If the rate of simple interest is 12% per annum, find the amount that would get interest of Rs.6000 per annum.

- a. Rs.82,000 b. Rs.50,000 c. Rs.72000 d. Rs.45,000

**Answer: b**

**30. The sum that will give Rs.1 as simple interest per day at 5% per annum is**

- a. Rs.3650 b. Rs.36,500 c. Rs.730 d Rs.7300**

**Answer: d**

**31. Find the principal that yield a compound interest of Rs.1632 in 2years at 4% rate of interest per annum.**

- a. Rs.10000 b. Rs.20000 c. Rs.30000 d. Rs.40000**

**Answer: b**

**32. The present worth of Rs.242 due in 2years at 10% per annum compound interest is**

- a. Rs.200 b. Rs.225 c.Rs.260 d.Rs.190**

**Answer: a**

**33. The compound interest on Rs.30000 at 7% per annum for certain period is Rs.4347. The period is**

- a. 4 years b. 3 years c. 2.5 years d. 2 years**

**Answer: d**

**34. In what time will Rs.1000 become Rs.1331 at 10% per annum compounded annually?**

- a. -2 b. 3 c. 4 d. none of these**

**Answer: b**

**35. At what rate of compound interest per annum will a sum of Rs.1200 become Rs.1348.32 in 2years? a. 6.5% b. 7% c. 8% d. 6%**

**Answer: d**

**36. A certain sum amounts to Rs.800 in 3years and Rs.840 in 4years in compound interest. The rate of interest per annum is**

- a. 2 1 2 % b. 4% c. 5% d. 6%**

**Answer: c**

**37. Alex invested an amount of Rs.8000 in a fixed deposit scheme for 2years at compound interest rate 5% per annum. How much amount will Alex get on maturity of the fixed deposit?**

- a. Rs.8600 b. Rs.8620 c. Rs.8820 d. Rs.8840**

**Answer: c**

**38. The difference between the compound interest and simple interest on a certain sum at 8% per annum for 2years is Rs.240. Find the sum**

- a. Rs.35,000 b. Rs.35,700 c. Rs.37,500 d. Rs.40,000**

**Answer: c**

**39. The difference between simple interest and compound interest on Rs.500 for 1year at 12.5% per annum is**

- a. Rs.15 b. Rs.15.50 c. Rs.50 d. Rs.0**

**Answer: d**

**40. The difference between the compound and the simple interest occurred as an amount of Rs.18000 in 2 years was Rs.405. What was the rate of interest per annum?**

- a. 10% b. 12% c. 15% d. 9%**

**Answer: c**

**41. The difference between simple and compound interest for a sum of Rs.5000 lent at 12% per annum in 2yrs is**

- a. Rs.720 b. Rs.12 c. Rs.72 d. Rs.700**

**Answer: c**

**42. A sum at compound interest doubles itself in 15years. In how much years will it become 8 times?**

**a. 20 b. 25 c. 35 d. 45**

**Answer: d**

**43. A sum of money becomes 27times in 45years at compound interest. In how many years it becomes 9times?**

**a. 10yrs b. 15yrs c. 30yrs d. 25yrs**

**Answer: c**

**44. A sum of money doubles itself at  $6\frac{1}{4}\%$  per annum over a certain time. Find the number of years.**

**a. 16 b. 14 c. 20 d. none of these**

**Answer: a**

**45. A certain sum of money lent out at simple interest basis amounts to Rs.660 in 3years and Rs.720 in 5years. The sum lent is**

**a. Rs.570 b. Rs.600 c. Rs.540 d. Rs.525**

**Answer: a**

**46. At simple interest Rs.1000 becomes Rs.1150 in 3years. If the interest rate is increased by 3% then the total amount is**

**a. Rs.1400 b. Rs.1300 c. Rs.1140 d. Rs.1240**

**Answer: d**

**47. A debt of Rs.1640 due in 2years at the rate of 5%. Compound interest is paid in two equal annual installments. Find the installment amount?**

**a. Rs.810 b. Rs.882 c. Rs.1000 d. Rs.820**



**Answer: b**

**48. If Ram needs Rs.6,00,000 after 10years how much should he invest now in a bank of the bank pays 20% interest per annum?**

**a. Rs.2,50,000 b. Rs.3,00,000 c. Rs.2,00,000 d. Rs.4,00,000**

**Answer: c**

**49. Imran deposits Rs.400 per month in a post office as R.D for 2years. If the rate of interest is 12% find the amount he will receive at the end of 2years.**

**a. Rs.12,800 b. Rs.10,000 c. Rs.12,000 d. Rs.10,800**

**Answer: d**

**50. How long will it take a sum of money invested at 12.5% p.a SI to increase its value by 50%?**

**a. 5yrs b. 3yrs c. 2yrs d. 4yrs**

**Answer: d**

**51. The compound interest on Rs.30,000 at 7% per annum is Rs.4347. The period in years is**

**a. 2 b. 2.5 c. 3 d. 4**

**Answer: a**

**52. If the C.I on a certain sum for 3years at 10% per annum be Rs.331. What would be the simple interest?**

**a. Rs.3000 b. Rs.300 c. Rs.30 d. Rs.30000**

**Answer: b**

**53. A sum of money at compound interest amounts to Rs.672 in 2years and 714 in 3years. The rate of interest is**

a. 5% b. 3.5% c.  $6\frac{1}{4}\%$  d. 7.5% **Answer: c**

**54. A sum of money amounts to Rs.8,400 in 5years and to Rs.9360 in 7years at simple interest. Find the sum and the rate of interest.**

a. 5000, 7% b. 8000, 8% c. 6000, 9% d. 6000, 8%

**Answer: d**

**55. If the simple interest for an amount at 4% per annum for 3years is Rs.1200. Find the compound interest at the same rate for the same amount for 2years.**

a. Rs.10,116 b. Rs.10,720 c. Rs.10,616 d. Rs.816

**Answer: d**

**56. A sum of money doubles itself in 20years in simple interest. Then the rate of interest per annum is**

a. 5% b. 4% c. 5.5% d. 4.5%

**Answer: a**

**57. A sum of money doubles itself at compound interest in 10years. The number of years in which the amount becomes four times is**

a. 10 b. 40 c. 20 d. 30

**Answer: c**

**58. The rate at which a sum doubles in 7years at simple interest is**

a.  $14\frac{2}{7}\%$  b. 15% c. 16% d. 19%

**Answer: a**

**59. The difference between simple interest and compound interest for 2 years at 5% is Rs.225. Find the sum.**

a. Rs.45000 b. Rs.90000 c. Rs.95000 d. Rs.80000

**Answer: b**

**60. The difference between compound interest and the simple interest on Rs.1250 for 2years at 8% is**

**a. Rs.2 b. Rs.4 c. Rs.6 d. Rs.8**

**Answer: d**

**61. The difference between the compound interest and the simple interest on a certain sum at 10% per annum for 2years is Rs.52. The principal amount is**

**a. Rs.5200 b. Rs.2500 c. Rs.5000 d. Rs.5100**

**Answer: a**

**62. The difference between simple and compound interest compounded annually on a certain sum of money in 2years at 4% per annum is Rs.1. The sum (in Rs) is**

**a. Rs.625 b. Rs.630 c. Rs.640 d. Rs.650**

**Answer: a**

**63. The difference between the simple interest received from 2 different banks on Rs.2000 for 3years is Rs.12.50. The difference between their rate of interest is**

**a.  $3/10$  % b.  $2/5$  % c.  $5/24$  % d.  $7/10$  %**

**Answer: c**

**64. Find the amount of Rs.1400 invested at SI 14% during the period from 5th Feb 1994 to 19th April 1994**

**a. Rs.1539 b. Rs.1437 c. Rs.1439.20 d. Rs.1469.20**

**Answer: c**

65. A sum was put at simple interest at certain rate for 2years. Had it been put at 3% higher rate it would have fetched Rs.72 more. The sum is  
a. Rs.1200 b. Rs.1500 c.Rs.1600 d. Rs.1800

**Answer: a**

66. A certain sum of money lent out at simple interest amounts to Rs.690 in 3yrs and Rs.750 in 5yrs. The sum lent is  
a. Rs.400 b. Rs.450 c. Rs.500 d. Rs.600

**Answer: d**

67. At simple interest Rs.1000 becomes Rs.1150 in 3years. If the interest rate is increased by 3% then the total amount is  
a. 1400 b. 1300 c. 1140 d. 1240

**Answer: d**

68. Malini deposited Rs.7000 with a finance company for 3years at an interest of 15% per annum. What is the compound interest and the amount that Malini will get after 3years?

- a. C.I – Rs.3246, amount – Rs.13,246
- b. C.I – Rs.3646, amount – Rs.10,646
- c. C.I – Rs.6436, amount – Rs.16,046
- d. C.I – Rs.4636, amount – Rs.14,636

**Answer: b**

69. Some amount of Rs.7000 was lent at 6% per annum and the remaining was lent at 4%. If the total simple interest in 5yrs is Rs.1600, find the sum lent out at 6%.

- a. 6000 b. 5000 c. 4000 d. 2000

**Answer: d**

**70. A man borrows Rs.800 at 4% interest per annum and Rs.700 at 5% interest per annum for the same period. If he pays a sum of Rs.268 as total interest then the time for which he borrowed the sum is**

- a. 2 years b. 3 years c. 4 years d. 5 years**

**Answer: c**

**71. In how many years will a sum be thrice of itself at the rate of 10% per annum?**

- a. 10 b. 15 c. 20 d. 25**

**Answer: c**