

SIMPLE INTEREST

1) A money lender lent Rs.400 for 2 years and Rs.200 for 3 years, at the same rate of simple interest and received totally Rs.70 as interest. What was the rate ?

a) 3.33% b) 4% c) 5% d) 8.33%

2) A money lender charged Rs.25 as simple interest on loan of Rs.150 for 2 months. What was the rate % p.a. ?

a) 25 b) 50 c) 75 d) 100

3) At what rate per cent will an amount double itself in 20 years at simple interest?

a) 4 b) 5 c) 8 d) 6

4) What is the rate per cent p.a. if the simple interest after 5 years is $\frac{1}{4}$ th of the amount lent?

a) 5 b) 4 c) 6 d) None of these

5) Mohan lent some money at simple interest. At the end of 16 years, he got 3 times of his loan. What was the rate of interest?

a) 8% b) 10% c) $12\frac{1}{2}\%$ d) $8\frac{3}{4}\%$

6) Ramesh borrowed Rs.725 at the beginning of a year. After 8 months have passed he borrowed Rs.362.50 at a rate of interest double that which the previous sum bore. At the end of the year, the total simple interest on both the loans is Rs.43.50. What is the rate at which the first sum is borrowed?

a) 5% b) 6% c) 9% d) 4.5%

7) The sum which amounts to Rs.840 in 5 years at the rate of 8% per annum simple interest is rupees

a) $\frac{840 \times 5 \times 8}{100}$ b) $\frac{100 + 5 \times 8 \times 100}{840}$ c) $\frac{100 \times 840}{100 + 5 \times 8}$ d) $\frac{100 + 840}{100 + 5 \times 8}$

8) A man invested Rs.18,900 in two parts, first at 10% for 3 years and 2nd at 8% for 5 years and received equal amounts. Find 2nd principal ?

(a) Rs.9000 (b) Rs.9100 (c) Rs.9800 (d) None of the above

9) The simple interest on Rs.1,900 will be less than the same on Rs.2000 at 4% by Re.1 in

a) 3 years b) 3 months c) 4 years d) 4 months

10) In $2\frac{2}{3}$ years on Rs.2400 a man yields Rs.400 at the rate of S.I. per annum equal to

a) $6\frac{1}{4}\%$ b) $8\frac{1}{4}\%$ c) $4\frac{7}{6}\%$ d) None of the above

11) On a certain sum the simple interest is Rs.90 at $3\frac{1}{2}\%$ per annum for $3\frac{1}{2}$ years. The sum is

a) Rs.899 b) Rs.1100 c) 808.16 d) None of the above

12) If the simple interest be $\frac{1}{5}$ of the capital in 4 years at 5% per annum then the capital is

- a) Rs.1000 b) Rs.10,900 c) Rs.200 d) All the above
- 13) A sum of money amounts to Rs.10,000 in 2 years and Rs.12,000 in 4 years at a certain rate of simple interest. What will be the amount due after 6 years?
a) Rs.22000 b) Rs.12000 c) Rs.16000 d) Rs.14000
- 14) A sum of money, which doubles itself in 10 years, four folds itself at the same rate of interest in
a) 20 years b) 25 years c) 30 years d) 5 years
- 15) The simple interest on a sum of money will be Rs.600 after 10 years. If the principal is trebled after 5 years, what will be total interest at the end of the 10th year?
a) Rs.600 b) Rs.900 c) Rs.1200 d) None of the above
- 16) Find the interest on Rs.1600 at $4\frac{1}{2}\%$ for 2 yers 9 months.
a) Rs.169 b) Rs.198 c) Rs.196 d) Rs.189
- 17) At what rate of interest will a sum of money become $\frac{7}{5}$ of itself in 8 years?
a) $10\frac{1}{2}\%$ b) 5% c) $12\frac{1}{2}\%$ d) 8%
- 18) What equal annual payments will discharge a debt of Rs.2200 due in 5 years at 5% simple interest?
a) Rs.400 b) Rs.450 c) Rs.500 d) Rs.550
- 19) The difference between the simple interest and the true discount on a certain sum for 1 year at 5% is Re.1 . Find the sum.
a) Rs.400 b) Rs.420 c) Rs.450 d) Rs.500
- 20) A certain sum lent out at simple interest amounts to Rs.575 in 3 years and to Rs.6254 in 5 years. Find the rate per cent ?
a) 4% b) 4.5% c) 5% d) 5.5%
- 21) Rs.5000 amounts to Rs.6100 at $5\frac{1}{2}\%$ per annum. Find the time.
a) 2 years b) 4 years c) $2\frac{1}{2}$ years d) 3 years
- 22) A bank pays 10% per annum as interest on its deposits while it charges 12% per annum as interest from its borrowers. If at the end of the year the bank ears Rs.2.4 crore at simple interest, how much money was transacted in its business during the year?
a) Rs.480 crores b) Rs.240 crores c) Rs.120 crores d) None of the above
- 23) Simple interest on a certain sum @ 8% per annum for 2 years and 3 years differs by Rs.56. The sum is
a) Rs.700 b) Rs.750 c) Rs.775 d) Rs.800
- 24) On a certain sum simple interest for one year at the rate of $4\frac{1}{2}\%$ is Rs.729. The amount of additional interest if rate is 5% should be
a) Rs.81 b) Rs.181 c) Rs.810 d) None of the above
- 25) The simple interest is Rs.624 less than its principal in 8 years at 6% . Principal is

a) Rs.1300 b) Rs.1200 c) Rs.1824 d) Rs.1624

26) A sum of money becomes $\frac{9}{5}$ of interest in 4 years at certain rate of simple interest per annum. The rate of interest is

a)15% p.a. b)16% p.a. c)18% p.a. d) 20% p.a.

27) A sum of money amounts to Rs.6300 in $2\frac{1}{2}$ years at 16% per annum simple interest. Find the sum borrowed.

a) Rs.6000 b) Rs.4500 c) Rs.5000 d) Rs.3600

28) A person borrowed Rs.750 from a bank on April 20 at 4% per annum simple interest and cleared his debt on July 2. What had he to pay in all?

a) Rs.762 b) Rs.756 c) Rs.760 d) None of the above

29) On what sum is the simple interest for 3 years at 3% per annum equal to Rs. $22\frac{1}{2}$?

a) Rs.300 b) Rs.250 c) Rs.350 d) None of the above

30) What is the rate of simple interest when Rs.1875 amount to Rs.2128 $\frac{1}{8}$ in 2 years 3 months ?

a)5 b) 6 c) 5.5 d) None of the above

31) Rs.1160 amounts to Rs.1210 $\frac{3}{4}$ in 7 months . What is the rate % p.a. ?

a) 6 b) $7\frac{1}{2}$ c) $6\frac{1}{4}$ d) None of the above

32) The interest on a certain sum of money at the end of $6\frac{1}{4}$ years is $\frac{3}{8}$ of the sum itself. What rate % p.a. was charged ?

a) $6\frac{1}{4}$ b) 6 c) $6\frac{2}{3}$ d) None of the above

33) At what rate % p.a. simple interest will a sum of money double itself in 10 years?

a) 10 b) $8\frac{2}{11}$ c) $12\frac{1}{2}$ d) None of the above

34) At what rate % p.a. simple interest will a sum of money triple itself in 25 years?

a) 8 b) $8\frac{1}{3}$ c) $9\frac{1}{11}$ d) None of the above

35) In how many years will Rs.5000 amount to Rs.6100 at $5\frac{1}{2}$ % per annum simple interest ?

a) 4 b) 6 c) 8 d)None of the above

36) In what time will a sum of money double itself at 6% p.a. simple interest ?

a) $16\frac{2}{3}$ years b) $16\frac{1}{4}$ years c) 16.67 years d) None of the above

37) A sum of money at simple interest amounts to Rs.672 in 2 years and to Rs.744 in 4 years. Find the sum.

a) Rs.600 b) Rs.708 c) Rs.636 d) None of the above

38) A sum of money was lent partly at 5% and partly at 8% simple interest. Total interest received after 3 years was Rs.300 . How much was lent at 8% ?

a) $\frac{15}{31}$ part b) $\frac{16}{31}$ part c) Half the sum d) None of the above

39) Sabina lends Rs.1550 at simple interest . Some of it at 8% and the rest at 6%. After 3 years she gets Rs.1878.50 in all. How much had she lent at 8% ?

a) Rs.825 b) Rs.800 c) Rs.750 d) None of the above

40) A sum of money amounts to Rs.460 in 4 years at $3\frac{3}{4}\%$. What would it amount to if the rate is $6\frac{1}{4}\%$ and time 6 years?

a) Rs.600 b) Rs.625 c) Rs.550 d) None of the above

41) If Rs.450 amounts to Rs.504 in 3 years at simple interest, what will Rs.615 amount to in $2\frac{1}{2}$ years, the rate being the same in both cases?

a) Rs.666.50 b) Rs.676.50 c) Rs.694.80 d) None of the above

42) The difference in simple interest on a certain sum of money for 3 years and 5 years at 18% per annum is Rs.2160 . Find the sum.

a) Rs.4500 b) Rs.6000 c) Rs.6500 d) Rs.7500

43) What equal annual instalment will discharge a debt of Rs.136000 due 5 years hence at 18% per annum is Rs.2160 . Find the sum ?

a) Rs.2500 b) Rs.2300 c) Rs.2100 d) Rs.2000

44) A sum amounts to Rs.5940 in two years and Rs.8100 in 5 years at simple interest. Find the rate per cent per annum ?

a) 15% b) 16% c) 17% d) 18%

45) Shri Jang Bahadur had Rs.6000 with him. He invested some money at 14% per annum and balance at 15% per annum simple interest. Find the sums invested by him at 14% and 15 % respectively.

a) Rs.2000, Rs.4000 b) Rs.2500, Rs.3500 c) Rs.2400, Rs.36000 d) Rs.1500, Rs.4500

46) If the interest on Rs.1650 be less than the interest by Rs.30. Find the time for which the sums are lent ?

a) 10 years b) 5 yrs c) 15 years d) None of the above

47) The simple interest on Rs.9125 at 4% per annum from April 5, 1987 to August 10, 1987 is

a) Rs.123 b) Rs.127 c) Rs.129 d) Rs.133

48) A sum of money doubles itself at simple interest in 20 years. It will be four times in

a) 40 years b) 50 years c) 60 years d) 80 years

49) The simple interest of Rs.540 in 4 years at 5% will be equal to the simple interest of Rs.900 at 6% in

a) 2 years b) $2\frac{1}{2}$ years c) 3 years d) $3\frac{1}{2}$ years

50) If P, t,r and A denote the principal, time, rate% p.a. and the amount at simple interest respectively, then P is equal to

a) $\frac{r \times 100}{A \times t}$ b) $\frac{A \times r \times t}{100}$ c) $\frac{A \times 100}{100 + t \times r}$ d) $\frac{A \times 100}{100 \times t \times r}$

1 c	6d	11c	16b	21b	26b	31b	36a	41b	46b
2d	7c	12d	17b	22c	27b	32b	37a	42b	47b
3b	8b	13d	18a	23a	28b	33a	38d	43d	48c
4a	9b	14c	19b	24a	29b	34a	39a	44b	49a
5c	10a	15b	20c	25b	30b	35a	40c	45b	50c