

(Q) : SIMPLE INTEREST :- <1>

1. What amount would ₹ 2560 fetch if it is lent at 8% SI for 15 years?
(a) ₹ 3072 (b) ₹ 4632 (c) ₹ 5072 (d) ₹ 5632
2. Amit lent a part of ₹ 15900 to Raju at 6% SI; rest to Anil at 5% SI. After 4 years he got an amount of ₹ 19376 in total. Then what is the amount paid by Anil in total?
(a) ₹ 9176 (b) ₹ 9847 (c) ₹ 10200 (d) ₹ 11200
3. Nitin invested an amount of ₹ 24000 at the 4% SI p.a.; another amount at 10% SI p.a. The total interest earned at the end of one year will be same as interest earned when the total amount invested at 6% SI p.a. Find the total amount invested?
(a) ₹ 12000 (b) ₹ 24000 (c) ₹ 30000 (d) ₹ 36000
4. A sum of money becomes ₹ 1815 at 7% SI after 3 years. Same sum of money becomes ₹ 2235 at same interest after 7 years.
(a) ₹ 1200 (b) ₹ 1500 (c) ₹ 1800 (d) ₹ 2000
5. Pratap lent ₹ 21600 to be divided between his two sons who aged 9 years and 11 years such that both of them would get an equal amount at certain age when lent at rate of 10% SI p.a. If their investments are in the ratio of 51:57 respectively. Then at what age both received same amount?
(a) 15 yrs (b) 16 yrs (c) 18 yrs (d) 21 yrs.

(1) SIMPLE INTEREST :- <2>

6. On a certain sum, the simple interest at the end of $5\frac{1}{3}$ years becomes $\frac{1}{7}$ of the sum. What is the rate percent?

- (a) 5.5% (b) 9.1% (c) 7.6% (d) 8.3%

7. Two equal sums of money were invested at an annual rate of 10%; one sum at SI and other at compound interest; if the difference between the interest after 2 years was ₹ 100; what were the sums invested?

- (a) ₹ 25,000 (b) ₹ 20,000 (c) ₹ 50,000 (d) ₹ 10,000

8. Ajay bought ₹ 11,000 from a bank to buy a car at 12% simple interest. If he paid ₹ 6600 as interest while clearing the loan; find the time for which the loan was given.

- (a) 5 years (b) 7 years (c) 9 years (d) 5 years

9. If simple interest on a certain sum of money for 6 years at 5% p.a. is same as the simple interest on ₹ 650 for 9 years at the rate of 12% per annum then the sum of money is:

- (a) ₹ 2340 (b) ₹ 3240 (c) ₹ 2400 (d) ₹ 3500

(1) - SIMPLE INTEREST :- <3>

10. If the annual rate of Simple interest increases from 8% to 13%; a man's yearly income increases by ₹ 4800. His principal (in ₹) is:
(a) ₹ 90,000 (b) ₹ 96,000 (c) ₹ 88,000 (d) ₹ 1,00,000

11. Manish borrows ₹ 8000 at Simple interest from a money lender. At the end of 3 years; he again borrows ₹ 7000 and closes his account after paying ₹ 8915 as interest after 8 years from the time he made the first borrowing. Find the rate of interest.
(a) 6% (b) 6.5% (c) 8% (d) 8.5%

12. A portion of ₹ 8500 is invested at 8% p.a.; while the remainder is invested at a 3% p.a. If the annual income from the portion earning a 8% p.a. is thrice that of the other portion; what is the total income from the two investments after one year.
(a) ₹ 350 (b) ₹ 370 (c) ₹ 450 (d) ₹ 480

13. Raghu lends ₹ 50,000 to two of his friends. He gives ₹ 30,000 to the first at 6% p.a. Simple interest. He wants to make a profit of 10% on the whole. The Simple interest rate at which he should lend the remaining sum of money to the second friend is
(a) 8% (b) 16% (c) 11% (d) 17%

(9) SIMPLE INTEREST :- <4>

14. The rate of Simple interest in SBI & BoB are in the ratio of 5:7. Gokul wants to deposit his total savings in two banks in such a way that he receive equal half-yearly interest from both banks. He should deposit in both banks SBI and BoB in the ratio of :-

- (a) 4:5 (b) 7:5 (c) 9:5 (d) 8:5

15. Kumar fixes the rate of interest 5% p.a for first 3 years and for the next 4 years 6% p.a and for the period beyond 7 years; 7.5% p.a. If Mr. Kumar lent out ₹ 1800 for 11 years; find the total interest earned by him?

- (a) ₹ 1422 (b) ₹ 1242 (c) ₹ 1244 (d) ₹ 1342

16. Vikram invested some of money in three different schemes for 4 years; 8 years and 12 years at 10%; 15% and 20% simple interest respectively. At the completion of each scheme; he gets the same interest. The ratio of his investments is :-

- (a) 6:2:1 (b) 5:2:1 (c) 5:2:3 (d) 5:2:7

17. Mr. Ravi finds that due to a fall in the rate of interest from 9% to 6%; his yearly income diminishes by ₹ 267. His capital is :-

- (a) ₹ 3800 (b) ₹ 8400 (c) ₹ 8600 (d) ₹ 8900

(10) :- SIMPLE INTEREST :- <5>

18. Ajay borrows ₹ 1000 at the rate of 12% p.a simple interest and Babu borrows ₹ 1050 at the rate of 10% p.a simple interest. In how many years their amounts of debts be equal?

- (a) $\frac{18}{5}$ (b) $\frac{10}{3}$ (c) $\frac{22}{3}$ (d) $\frac{16}{5}$

19. A sum of ₹ 8800 is to be divided among three brothers Anil, Deepak and Ramesh in such a way that simple interest on each part at 5% p.a after 1, 2 and 3 years respectively remains equal. The share of Anil is more than that of Ramesh by?

- (a) ₹ 3200 (b) ₹ 2500 (c) ₹ 3000 (d) ₹ 2700

20. Mayank invested a certain sum of money in a simple interest bond; that value grew to ₹ 300 at the end of 3 years and to ₹ 400 at the end of another 5 years. Then what was the rate of interest in which he invested his sum?

- (a) 12% (b) 12.5% (c) 6.67% (d) 8.33%

21. Harshita lent out some money at 6% simple interest per annum. After one year, ₹ 6800 is repaid at 5% p.a. If the second year's interest is $\frac{11}{20}$ of the first year's interest; find what amount of money was lent out.

- (a) ₹ 18,500 (b) ₹ 10080 (c) ₹ 17000 (d) ₹ 18000

(6) SIMPLE INTEREST :- (6)

22. Rahul invested sum of money at simple interest at a certain rate of interest for three years. Had it been invested at a 4% higher rate, it would have fetched ₹ 480 more. Find out the Principal amount that was invested by Rahul?

- (a) ₹ 3000 (b) ₹ 4000 (c) ₹ 5000 (d) ₹ 1500

23. An equal amount of sum is invested in two schemes for four years each; both offering simple interest. When invested in Scheme A at 8% p.a. the amount amounts to ₹ 5280. In Scheme B; invested at 12% p.a. it amounts to ₹ 5920. What is the total sum invested?

- (a) ₹ 5000 (b) ₹ 9000 (c) ₹ 7000 (d) ₹ 8000

24. Simple interest on a certain sum at a certain annual rate of interest is 16% of the sum. If the numbers representing rate percent and the time in years be equal; then the rate of interest is?

- (a) 2% (b) 4% (c) 6% (d) 8%

25. A sum becomes 3 times in 5 years at a certain rate of interest. Find the time in which the same amount will be eight times at the same rate of interest?

- (a) $\frac{45}{2}$ yr (b) $\frac{35}{2}$ yr (c) $\frac{25}{2}$ yr (d) $\frac{15}{2}$ yr

