

Simple intrest

10 Years of Excellence



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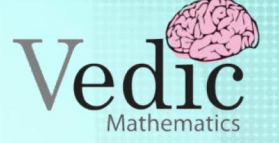
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1) Thomas invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be Rs. 3508, what was the amount invested in Scheme B?

- a) Rs. 6400 b) Rs. 6500
c) Rs. 7200 d) Rs. 7500

2) Ajay lent Rs. 400 to Raju for 2 years and Rs. 100 to Kumar for 4 years and received together from both Rs. 60 as interest. Find the rate of interest, simple interest being calculated.

- a) 5% b) 6%
c) 8% d) 9%

3) Geeta borrowed some money at the rate of 6% p.a for the first two years, at the rate of 9% p.a for the next three years, and at the rate of 14% p.a for the period beyond five years. If she pays a total interest of Rs.11400 at the end of nine years, how much did she boorrow?

- a) Rs 10,000 b) Rs 11,000
c) Rs 12,000 d) Rs 14,000

4) How much simple interest will Rs. 2000 earn in 18 months at 6 % per annum?

- a) Rs. 120 b) Rs.180
c) Rs.216 d) Rs.240

5) A certain sum of money at simple interest amounts to Rs. 1260 in 2 years and to Rs. 1350 in 5 years. The rate percent per annum is:

- a) 2.5% b) 3.75 %
c) 5 % d) 7.5 %

6) Mr. Thomas invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be Rs. 3508, what was the amount invested in scheme B?

- a) Rs. 6400 b) Rs. 6500
c) Rs. 7200 d) Rs. 7500

7) An amount of Rs. 100000 is invested in two types of shares. The first yields an interest of 9% p.a and the second, 11% p.a. If the total interest at the end of one year is $9\frac{3}{4}\%$, then the amount invested in each share was?

- a) Rs. 52500; Rs. 47500
b) Rs. 62500; Rs. 37500
c) Rs. 72500; Rs. 27500
d) Rs. 82500; Rs. 17500

8) A person invested in all Rs. 2600 at 4%, 6% and 8% per annum simple interest. At the end of the year, he got the same interest in all the three cases. The money invested at 4% is?





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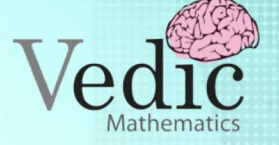
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- a) Rs. 200 b) Rs. 600
c) Rs. 800 d) Rs. 1200

9) Peter invested an amount of Rs. 12,000 at the rate of 10% p.a simple interest and another amount at the rate of 20% p.a. simple interest. The total interest earned at the end of one year on the total amount invested became 14% p.a. Find the total amount invested?

- a) Rs. 20,000 b) Rs. 22,000
c) Rs. 24,000 d) Rs. 25,000

10) If the annual rate of simple interest increases from 10% to $12\frac{1}{2}\%$, a man's yearly income increases by Rs. 1250. His principal in Rs. is?

- a) 45000 b) 50000
c) 60000 d) 65000

11) A money lender finds that due to a fall in the annual rate of interest from 8% to $7\frac{3}{4}\%$ his yearly income diminishes by Rs. 61.50, his capital is?

- a) Rs. 22,400 b) Rs. 23,800
c) Rs. 24,600 d) Rs. 26,000

12) The price of a T.V. set worth Rs. 20000 is to be paid in 20 installments of Rs. 1000 each. If the rate of interest be 6% per annum, and the first installment be paid at the time of purchase, then the value of the

last installment covering the interest as well will be?

- a) Rs. 1050 b) Rs. 2050
c) Rs. 3000 d) None of these

13) A sum of money becomes $\frac{7}{6}$ of itself in 3 years at a certain rate of simple interest. The rate per annum is?

- a) $5\frac{5}{9}\%$ b) $6\frac{5}{9}\%$
c) 18% d) 25%

14) A lends Rs. 2500 to B and a certain to C at the same time at 7% p.a. simple interest. If after 4 years, A altogether receives Rs. 1120 as interest from B and C, then the sum lent to C is?

- a) Rs. 700 b) Rs. 1500
c) Rs. 4000 d) Rs. 6500

15) If rupee one produces rupees nine over a period of 40 years, find the rate of simple interest?

- a) 20% b) 10%
c) 15% d) $22\frac{1}{2}\%$

16) Rs.1500 is divided into two parts such that if one part is invested at 6% and the other at 5% the whole annual interest from both the sum is Rs.85. How much was lent at 5%?

- a) Rs.1000 b) Rs.750
c) Rs.600 d) Rs.500





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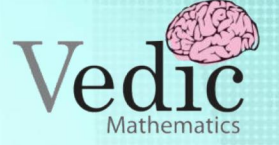
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17) The simple interest on a sum of money is $\frac{4}{9}$ of the principal and the number of years is equal to the rate percent. Find the rate and the time?

- a) $6\frac{2}{3}$ years; $6\frac{2}{3}\%$
- b) $5\frac{1}{3}$ years; $5\frac{1}{3}\%$
- c) $4\frac{2}{3}$ years; $4\frac{2}{3}\%$
- d) None

18) In what time will Rs.4000 lent at 3% per annum on simple interest earn as much interest as Rs.5000 will earn in 5 years at 4% per annum on simple interest?

- a) $8\frac{1}{3}$ years
- b) 9 years
- c) $7\frac{1}{2}$ years
- d) $7\frac{1}{3}$ years

19) In how many years will a sum of money doubles itself at 5% per annum on simple interest?

- a) 22 years
- b) 20 years
- c) 21 years
- d) 29 years

20) A person lent a certain sum of money at 4% per annum at simple interest and in 8 years the interest amounted to Rs.340 less than the sum lent. What was the sum lent?

- a) Rs.400
- b) Rs.450
- c) Rs.550
- d) Rs.500

21) If Rs.450 amount to Rs.540 in 4 years, what will it amount to in 6 years at the same rate % per annum?

- a) Rs.575
- b) Rs.675
- c) Rs.585
- d) Rs.685

22) What amount does Kiran get if he invests Rs. 18000 at 15% p.a. simple interest for four years?

- a) Rs. 24800
- b) Rs. 28400
- c) Rs. 24400
- d) Rs. 28800

23) How much interest can a person get on Rs. 8200 at 17.5% p.a. simple interest for a period of two years and six months?

- a) Rs. 3770
- b) Rs. 2850.50
- c) Rs. 3587.50
- d) Rs. 3750

24) In how many years does a sum of Rs. 5000 yield a simple interest of Rs. 16500 at 15% p.a.?

- a) 22
- b) 24
- c) 25
- d) 23

25) . A certain sum is invested at simple interest at 18% p.a. for two years instead of investing at 12% p.a. for the same time period. Therefore the interest received is more by Rs. 840. Find the sum?

- a) Rs. 7000
- b) Rs. 8500
- c) Rs. 8000
- d) Rs. 7500





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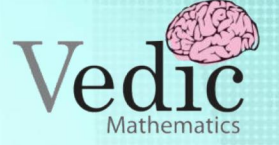
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26) An amount of Rs. 3000 becomes Rs. 3600 in four years at simple interest. If the rate of interest was 1% more, then what was be the total amount?

- a) Rs. 3800
- b) Rs. 3780
- c) Rs. 3720
- d) Cannot be determined

27) .A certain sum becomes four times itself at simple interest in eight years. In how many years does it become ten times itself?

- a) 21
- b) 25
- c) 23
- d) None of these

28) Vijay lent out an amount Rs. 10000 into two parts, one at 8% p.a. and the remaining at 10% p.a. both on simple interest. At the end of the year he received Rs. 890 as total interest. What was the amount he lent out at 8% pa.a?

- a) Rs. 6000
- b) Rs. 5500
- c) Rs. 4500
- d) Rs. 5000

29) Manoj borrowed Rs.3450 from Anwar at 6% p.a. simple interest for three years. He then added some more money to the borrowed sum and lent it to Ramu for the same time at 9% p.a. simple interest. If Manoj gains Rs.824.85 by way of interest on the borrowed sum as well as his own

amount from the whole transaction, then what is the sum lent by him to Ramu?

- a) Rs.3,870
- b) Rs.5,355
- c) Rs.3,855
- d) Rs.3600

30) A certain sum of money is invested for one year at a certain rate of simple interest. If the rate of interest is 3% higher, then the invest earned will be 25% more than the interest earned earlier. What is the earlier rate of interest?

- a) 4% p.a.
- b) 6% p.a
- c) 8% p.a.
- d) 12% p.a.

