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1) Ram deposited a certain sum of money in a company at 12% per annum simple interest for 4 years and deposited equal amount in fixed deposit in a bank for 5 years at 15% per annum simple interest. If the difference in the interest from two sources is Rs.1350, then the sum deposited in each case is :

- a) Rs.4000      b) Rs.3000  
c) Rs.6500      d) Rs.5000

2) Simple interest on a certain sum at a certain annual rate of interest is  $\frac{16}{25}$  of the sum. If the number representing rate per cent and time in years be equal, then the rate of interest is

- a)  $11\frac{1}{2}\%$       b) 8%  
c)  $12\frac{1}{4}\%$       d)  $12\frac{1}{2}\%$

3) Prakash lends a part of Rs.20, 000 at 8% simple interest and remaining at  $\frac{4}{3}\%$  simple interest. His total income after a year was Rs.800. Find the sum lent at 8%.

- a) Rs.12, 000      b) Rs.8, 000  
c) Rs.10, 000      d) Rs.6, 000

4) The rate of interest per annum at which the total simple interest of a certain capital for 1 year is equal to the total simple interest of the same capital at the rate of 5% per annum for 2 years, is

- a) 10%      b)  $\frac{5}{2}\%$   
c) 12.5%      d) 25%

5) 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 per annum. The rate per annum is :

- a)  $6\frac{2}{3}\%$       b) 5%  
c)  $7\frac{1}{5}\%$       d) 6%

6) A person deposited Rs.500 for 4 years and Rs.600 for 3 years at the same rate of simple interest in a bank. Altogether he received Rs.190 as interest. The rate of simple interest per annum was

- a) 5%      b) 4%  
c) 3%      d) 2%

7) If Rs.12, 000 is divided into two parts such that the simple interest on the first part for 3 years at 12% per annum is equal to the simple interest on the second part for  $4\frac{1}{2}$  years at 16% per annum, the greater part is

- a) Rs.6, 000      b) Rs.8, 000  
c) Rs.7, 500      d) Rs.7, 000

8) The simple interest on a certain sum at 5% per annum for 3 years and 4 years differ by Rs.42. The sum is :

- a) Rs.280      b) Rs.210  
c) Rs.840      d) Rs.750

9) If x, y, z are three sum of money such that y is the simple interest on x and z is the simple interest on y for the same time and at the same rate of interest, then we have

- a)  $xyz = 1$       b)  $z^2 = xy$   
c)  $y^2 = zx$       d)  $x^2 = yz$

10) The simple interest on a sum of money is  $\frac{1}{16}$  of the principal and the number of years is equal to the rate per cent per annum. The rate per annum is

- a)  $2\frac{1}{2}\%$       b)  $1\frac{1}{2}\%$   
c)  $4\frac{1}{2}\%$       d)  $3\frac{1}{2}\%$

11) The simple interest on Rs.4, 000 in 3 years at the rate of x% per annum equals the simple interest on





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Rs.5, 000 at the rate of 12% per annum in 2 years. The value of x is

- a) 6%                      b) 10%  
c) 9%                      d) 8%

12) A borrows Rs.800 at the rate of 12% per annum simple interest and B borrows Rs.910 at the rate of 10% per annum, simple interest. In how many years will their amounts of debt be equal ?

- a) 20 years                      b) 18 years  
c) 24 years                      d) 22 years

13) The simple interest on a certain sum for 8 months at 4% per annum is Rs.129 less than the simple interest on the same sum for 15 months at 5% per annum. The sum is :

- a) Rs.2, 400                      b) Rs.2, 580  
c) Rs.3, 600                      d) Rs.2, 529

14) The difference between the simple interest received from two different sources on Rs.1500 for 3 years is Rs.13.50. The difference between their rates of interest is:

- a) 0.2%                      b) 0.1%  
c) 0.4%                      d) 0.3%

15) The simple interest on a sum of money is  $\frac{1}{9}$  of the principal and the number of years is equal to rate per cent per annum. The rate per annum is

- a)  $\frac{1}{3}$  %                      b) 3%  
c)  $\frac{3}{10}$  %                      d)  $3\frac{1}{3}$  %

16) The simple interest on a sum of money is  $\frac{1}{4}$  th of the principal and the number of years is equal to rate per cent per annum. The rate percent is

- a) 5%                      b) 2.5%  
c) 10%                      d) 7.5%

17) A sum of Rs.1750 is divided into two parts such that the interests on the first part at 8% simple interest per annum and that on the other part at 6% simple interest per annum are equal. The interest on each part (In rupees) is

- a) 65                      b) 60  
c) 40                      d) 70

18) Equal sum of money are lent to X and Y at 7.5% per annum for a period of 4 years and 5 years respectively. If the difference in interest, paid by them was Rs.150, the sum lent to each was

- a) Rs.1000                      b) Rs.500  
c) Rs.3000                      d) Rs.2000

19) In how many years will the simple interest on a sum of money be equal to the principal at the rate of  $16\frac{2}{3}$  % per annum ?

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

20) The difference between simple interest and the true discount on Rs. 2400 due 4 years hence at 5% per annum simple interest is

- a) Rs.70                      b) Rs.30  
c) Rs.50                      d) Rs.80

21) A sum of Rs.1500 is lent out in two parts in such a way that the simple interest on one part at 10% per annum for 5 years is equal to that on another part at 12.5% per annum for 4 years. The sum lent out at 12.5% is :

- a) Rs.1000                      b) Rs.500  
c) Rs.1250                      d) Rs.750

22) Mohan lent some amount of money at 9% simple interest and an equal amount of money at 10% simple interest each for two years. If his total interest was Rs. 760, what amount was lent in each case ?

- a) Rs.1800                      b) Rs.1700  
c) Rs.2000                      d) Rs.1900





23) Simple interest on Rs.500 for 4 years at 6.25% per annum is equal to the simple interest on Rs.400 at 5% per annum for a certain period of time. The period of time is

- a) 5 years                      b) 4 years  
c)  $8\frac{2}{3}$  years                  d)  $6\frac{1}{4}$  years

24) If the simple interest for 6 years be equal to 30% of the principal, it will be equal to the principal after

- a) 30 years                      b) 20 years  
c) 22 years                      d) 10 years

25) The difference between the simple interest received from two different banks on Rs.500 for 2 years is Rs.2.50. The difference between their (per annum) rate of interest is :

- a) 0.25%                      b) 0.10%  
c) 1.00%                      d) 0.50%

