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1) The simple interest on a sum of money is $\frac{8}{25}$ of the sum. If the number of years is numerically half the rate percent per annum, then the rate percent per annum is

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

2) A certain sum doubles in 7 years at simple interest. The same sum under the same interest rate will become 4 times in how many years.

- a) 28 b) 14
c) 10 d) 21

3) At what per cent of simple interest will a sum of money double itself in 15 years?

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

4) A sum of money at a certain rate per annum of simple interest doubles in the 5 years and at a different rate becomes three times in 12 years. The lower rate of interest per annum is

- a) 20% b) 15%
c) $16\frac{2}{3}\%$ d) $15\frac{3}{4}\%$

5) The rate of simple interest for which a sum of money becomes 5 times of itself in 8 years is :

- a) 40% b) 30%
c) 55% d) 50%

6) A certain sum of money becomes three times of itself in 20 years at simple interest. In how many years does it become double of itself at the same rate of simple interest ?

- a) 10 years b) 8 years
c) 14 years d) 12 years

7) If a sum of money deposited in a bank at simple interest is doubled in 6 years, then after 12 years, the amount will be

- a) 3 times the original amount
b) $\frac{5}{2}$ times the original amount
c) 4 times the original amount
d) $\frac{7}{2}$ times the original amount

8) In how much time, will a sum of money become double of itself at 15% per annum simple interest?

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

9) In how many years will a sum of money double itself at 12% per annum?

- a) 6 yrs. 9 months b) 8 yrs. 6 months
c) 7 yrs. 6 months d) 8 yrs. 4 months

10) At what rate per cent per annum will the simple interest on a sum of money be $\frac{2}{5}$ of the amount in 10 years ?

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

11) In how many years will a sum of money double itself at $6\frac{1}{4}\%$ simple interest per annum ?

- a) 20 years b) 24 years
c) 12 years d) 16 years

12) In certain years a sum of money is doubled to itself at $6\frac{1}{4}\%$ simple interest per annum, then the required time will be

- a) $12\frac{1}{2}$ years b) 16 years
c) $10\frac{2}{3}$ years d) 8 years





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13) A sum amounts to double in 8 years by simple interest. Then the rate of simple interest per annum is

- a) 12.5% b) 10%
c) 20% d) 15%

14) If a sum of money doubles itself in 8 years, then the interest rate in percentage is

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

15) A sum of money at simple interest trebles itself in 15 years. It will become 5 times of itself in

- a) 36 years b) 40 years
c) 25 years d) 30 years

16) 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) $6\frac{5}{9}\%$ b) $5\frac{5}{9}\%$
c) 25% d) 18%

17) A certain sum of money amounts to Rs. 2200 at 5% p.a. rate of interest, Rs. 2320 at 8% interest in the same period of time. The period of time is :

- a) 4 years b) 3 years
c) 2 years d) 5 years

18) The rate of simple interest per annum at which a sum of money doubles itself in $16\frac{2}{3}$ years is

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

19) Rs.6, 000 becomes Rs.7, 200 in 4 years at a certain rate of simple interest. If the rate becomes 1.5 times of itself, the amount of the same principal in 5 years will be

- a) Rs.8, 250 b) Rs.8, 000
c) Rs.9, 000 d) Rs.9, 250

20) A sum of money becomes $\frac{41}{40}$ of itself in $\frac{1}{4}$ years at a certain rate of simple interest. The rate of interest per annum is

- a) 1% b) 10%
c) 5% d) 2.5%

21) At what rate of simple interest per annum will a sum become $\frac{7}{4}$ of itself in 4 years ?

- a) $18\frac{1}{4}\%$ b) 18%
c) $18\frac{1}{2}\%$ d) $18\frac{3}{4}\%$

22) A sum doubles itself in 16 years, then in how many years will it triple itself; rate of interest being simple

- a) 32 years b) 25 years
c) 64 years d) 48 years

23) At a certain rate of simple interest, a certain sum of money becomes double of itself in 10 years. It will become treble of itself in

- a) 18 years b) 15 years
c) 30 years d) 20 years

24) If a sum of money at simple interest doubles in 12 years, the rate of interest per annum is

- a) 7.5% b) $16\frac{2}{3}\%$
c) 10% d) $8\frac{1}{3}\%$

