

## Simple Interest

### Type I : Basic Questions(Find P/T/R/A/SI)

1) Find simple interest on Rs.5000/- at 12% p.a, for 2 years?

- A.) Rs.1300/-      B.) Rs.1400/-  
C.) Rs.1200/-      D.) Rs.1000/-

2) Find simple interest on Rs.6000/- at 7 ½% p.a. for 3years?

- A.) Rs.1250/-      B.) Rs.1350/-  
C.) Rs.1200/-      D.) Rs.1400/-

3) In how many years will sum of Rs.6000/- yield an interest of Rs.1200/- at 8% p.a?

- A.) 2 1/2 years      B.) 2 years  
C.) 1 1/2 years      D.) 3 years

4) Find simple interest on Rs.6000/- at 10% p.a. for 2years 3 months?

- A.) Rs.1350/-      B.) Rs.1250/-  
C.) Rs.2350/-      D.) None of these

5) Find simple interest on Rs.4000/- at 15% p.a. for 9months?

- A.) Rs.350/-      B.) Rs.450/-  
C.) Rs.125/-      D.) Rs.450/-

6) Find simple interest on Rs.5000/- at 12% p.a. for 73days?

- A.) Rs.220/-      B.) Rs.120/-  
C.) Rs.210/-      D.) None of these

7) Find the simple interest on Rs. 5000 at 6 % per annum for the period from 5th Feb to 19th April, 2015.

- A) Rs. 40  
B) Rs. 50  
C) Rs. 60  
D) Rs. 70

8) Find the simple interest on Rs.7300/- at 12% p.a. for the period from jan-2007 to 18- april-2007?

- A.) 247.20      B.) 247      C.) 346      D.) 347

9) Find the principle, interest on Rs.900/- at 6% p.a. for 3 years?

- A.) Rs.5000/-      B.) Rs.4500/-  
C.) Rs.3500/-      D.) Rs.2200/-

10) If the simple interest on Rs.400 for 3 years is Rs.4000/- , what is the rate of interest percent per annum?

- A.) 4 1/3%      B.) 3 1/4%  
C.) 3 1/3%      D.) None of these

11) If the simple interest on Rs. 1120 for 2 years is Rs.8000/-, what is the rate of interest percent per annum?

- A.) 4%      B.) 7%      C.) 8%      D.) 5%

12) In how many years will sum of Rs 4000 yield an interest of Rs.1080/- at 9% p.a?

- A.) 1 year      B.) 3 years  
C.) 4 years      D.) 2 years

13) The simple interest on Rs. 25 for 4 months at the rate of 3 paise per rupee per month is :

- A) 240 paise      B) Rs. 1.40  
C) Rs. 2.20      D) Rs. 3

14) Suresh borrows Rs. 10,000 for 2 years at 4 % p.a. simple interest. He lends it to Ramesh at 6 % p.a. for 2 years. Find his gain in this transaction per year.

- A) Rs. 150      B) Rs. 200  
C) Rs. 400      D) Rs. 450

15) A person took some amount with some interest for 2 years, but increase the interest for 1%, he paid Rs.120/- extra, then how much amount he took?

- A.) Rs.5500/-      B.) Rs.6000/-  
C.) Rs.4000/-      D.) Rs.7000/-

16) A person took some amount with some interest for 3 years, but increase the interest will be increase From 7% to 9%. He paid Rs. 240 extra, then how much amount he took?

- A.) Rs.7000/-      B.) Rs.4000/-  
C.) Rs.5500/-      D.) Rs.6000/-

17) A sum was put at simple interest at a certain rate for 10 years . Had it been put at 5% higher rate , it would have fetched Rs.600 more. What was the Sum?

- A) Rs.1200      B) Rs.1300  
C) Rs.1400      D) Rs.1500

18 ) 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) 0.1%      B) 0.2%      C) 0.3%      D) 0.4%

19) A sum of money amounts to Rs. 9800 after 5 years and Rs. 12005 after 8 years at the same rate of simple interest. The rate of interest per annum is:

- A) 5%      B) 8%      C) 12%      D) 15%

20) A Certain sum of money an amounts to Rs 2500 in a span Of 5 years and further to Rs.3000 in a span of 7 years at simple interest The sum is ?

- A) Rs. 1800      B) Rs. 2000  
C) Rs. 1400      D) Rs. 1250

21) Nikhil borrowed some money at the rate of interest 5 % p.a. for first 2 years, 8 % p.a. for next 5 years and 10 % p.a. for a period beyond 7 years. If he pays total interest of Rs. 8000 at the end of 10 years, then find the money Nikhil borrowed.

- A) Rs. 40,000      B) Rs. 35,000  
C) Rs. 25,000      D) Rs. 10,000

22) Rohan borrowed a certain sum of money at simple interest. Rate of interest was 3% per annum for first 3 years, 4% per annum for next 5 years and 6% per annum for next 7 years. If he paid Rs 2059 as interest, then what is the sum borrowed (in Rs)?

- A) 2400      B) 2500      C) 2900      D) 3100

23) The S.I. on a certain sum of money for 4 years at 15 % per annum is Rs. 180 more than S.I. on same sum for 5 years at 10 % per annum. Find the sum.

- A.) 1000 B.) 1200 C.) 1800 D.) 2000

24) Simple interest on a certain sum is  $\frac{16}{25}$  of the sum. Find the rate percent and time, If both are numerically equal.

- A) Rate = 7% and Time = 7 years.  
B) Rate = 8% and Time = 8 years.  
C) Rate = 6% and Time = 6 years.  
D) Rate = 5% and Time = 5 years.

25) 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)  $\frac{45}{7}$  % B)  $\frac{50}{9}$  % C)  $\frac{51}{7}$  % D)  $\frac{47}{9}$  %

26) A sum of Rs. 725 is lent in the beginning of a year at a certain rate of interest. After 8 months, a sum of Rs. 362.50 more is lent but at the rate twice the former. At the end of the year, Rs. 33.50 is earned as interest from both the loans. What was the original rate of interest?

- A) 3.46% B) 4.5% C) 5% D) 6%

27) The simple interest on a sum of money is Rs. 50. What is the sum?

I. The interest rate is 10% p.a.

II. The sum earned simple interest in 10 years

- A) I alone sufficient while II alone not sufficient to answer  
B) II alone sufficient while I alone not sufficient to answer  
C) Either I or II alone sufficient to answer  
D) Both I and II are necessary to answer

28) What is the principal sum?

I. The sum amounts to Rs. 690 in 3 years at S.I.

II. The sum amounts to Rs. 750 in 5 years at S.I.

III. The rate of interest is 5% p.a.

- A) I and III only B) II and III only  
C) I and II only D) Any two of the three

29) Reena took a loan of Rs. 1200 with simple interest for as many years as the rate of Interest. If she paid Rs. 432 as interest at the end of the loan period, what was the rate of interest?

- A) 3.6 B) 6 C) 18 D) cannot be determined

30) Arun took a loan of Rs. 29000 with simple interest for as many years as the rate of interest. If he paid Rs. 10440 as interest at the end of the loan period, what was the rate of interest?

- A) 5.5% B) 6% C) 6.5% D) 7%

### **Type II : P becomes n times of itself(Find R/T)**

1) A sum of money triples itself in 8 years simple interest. Find the rate of percent per annum?

- A) 30% B) 25% C) 22% D) 18%

2) A borrow took by a man, for every 5 years it will be doubled, then what is the rate of the interest?

- A.) 15% B.) 20% C.) 22% D.) 23%

3) At what rate of percent per annum will a sum of money double in 8 years?

- A.)  $13\frac{1}{4}\%$  B.)  $12\frac{1}{2}\%$   
C.)  $11\frac{1}{2}\%$  D.) None of these

4) A sum of money invested at simple interest triples itself in 8 years. How many times will it become in 20 years' time?

- A) 8 times B) 7 times C) 6 times D) 9 times

5) A certain sum of money triples itself in 5 years at simple interest. In how many years it will be five times?

- A) 5 B) 8 C) 10 D) 15

### **Type III : Divide P into parts**

1) A sum of Rs.1550 was lent partly at 8% p.a. simple interest. The total interest received after 3 years was Rs.300. The ratio of the money lent at 5% to that lent at 8% is :

- A) 5:8 B) 6:7 C) 16:15 D) 17:18

2) 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. 500 B) Rs. 245 C) Rs. 1250 D) Rs. 635

3) What will be the ratio of simple interest earned by certain amount at the same rate of interest for 6 years and that for 9 years?

- A) 1:3 B) 1:4 C) 2:3 D) data is inadequate

4) Two equal sums were lent, one at the rate of 11% per annum for five years and the other at the rate of 8% per annum for six years, both under simple interest. If the difference in interest accrued in the two cases is Rs 1008. Find the sum?

- A) Rs. 14,400 B) Rs. 15,600  
C) Rs. 14,850 D) Rs. 15,220

5) A person divided a sum of Rs. 17,200 into three parts and invested at 5%, 6% and 9% per annum simple interest. At the end of two years, he got the same interest on each part of money. What is the money invested at 9%?

- A) Rs. 3,200 B) Rs. 4,000 C) Rs. 4,800 D) Rs. 5000

6) A person invested a total sum of Rs 7900 in three different schemes of simple interest at 3%, 5% and 8% per annum. At the end of one year he got same interest in all three schemes. What is the money (in Rs) invested at 3%?

- A) 2900 B) 3500 C) 4000 D) 5600

Answers:-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Type I	C	B	A	A	D	B	C	A	A	C	B	B	D	B	B
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	B	A	C	C	D	D	C	C	B	B	A	D	D	B	B
Type II	1	2	3	4	5	Type III	1	2	3	4	5	6			
	B	B	B	C	C		C	A	C	A	B	C			