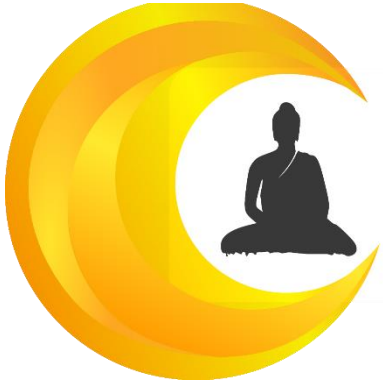

Campusmonk

S.I/C.I(Important) Foundation

With Rachit Rastogi

Fundamental

NOTE:

1. PRINCIPAL = 100%
2. Amount = Principal + Interest
3. Interest = Rate(r) * Time(t)

Fundamental

NOTE:

Question :

A sum of money becomes 7/6 of itself 3 years at a certain rate of simple interest. The rate per annum is :

(1) $5\frac{5}{9}$ % (2) $6\frac{5}{9}$% (3) 18% (4) 25%

Fundamental

NOTE:

Question :

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

15 years (b) 18 years

(c) 20 years (d) 3 years

Fundamental

NOTE:

1.PRINCIPAL = 100%

2. Amount = Principal + Interest

3.Interest = Rate(r) * Time(t)

Question :

A Certain sum of money is borrowed by a person at 3% Simple Interest for 4 years. If he has to pay Rs. 120 as interest , find the total amount he has to pay

(a) Rs. 1020 **(b) Rs. 820**

(C) Rs. 1120 **(d) Rs. 1220**

Type

Simple interest on an amount after 24 months at the rate of 2% per quarter is 960. What is the amount?

The simple interest obtained on a certain amount at 7.5% p.a. for two years is 232.50. What is the amount invested?

1) 2000 2) 1575 3) 1659 4) 1600 5) None of these

What will be the simple interest on 10000 after 3 years at the rate of 5% per quarter?

1) 3000 2) 6000 3) 5000 4) Cannot be determined 5) None of these

Karan took a loan on simple interest at the rate of 12% per year, after 8 months he paid 8100. How much loan was taken by Karan?

1) 7500 2) 8000 3) 6,500 4) 7000

5) None of these

Type

What will be the compound interest on 5000 for 2 years at 12% per annum?

.What will be the compound interest on 5000 for 2 years at 7% per annum? 1) 725 2) 700 3) 724.50 4) 714.50 5) None of these

Amit Kumar invested an amount of Rs 15000 at compound interest rate of 10 pcpa for a period of 2 years. What amount will he receive at the end of two years?

A certain sum becomes Rs. 1020 in 5 years and Rs. 1200 in 8 years at simple interest. What is the value of principal?

•Rs. 820 (2) Rs. 780 (3) Rs. 700 (4) Rs. 720

(SSC CAPFS ASI & Delhi Police SI)

A sum of money lent out at simple interest amounts to Rs.720 after 2 years and to Rs. 1020 after a further period of 5 years. The sum is

(1) 500 (2) 600 (3) 700 (4) 710

SSC CGL Prelim Exam.2004, and

(SSC CGLTier-I Exam, 09.08.2015

What sum of money will be amount to Rs. 520 in 5 years and to Rs. 568 in 7 years at simple interest

(a) Rs. 400 (B) Rs. 120

(c) Rs. 510 (d) Rs. 220

A sum of money amounts to 5,200 in 5 years and to 5,680 in 7 years at simple interest. The rate of interest per annum is

A sum of money at some rate of simple interest amounts to Rs.2900 in 8 years and to Rs 3000 in 10 years the rate of interest per annum is

(a) 3% (B) 4% (c) 2% (d) 2.5%

If a sum of money becomes Rs. 4000 in 2 years and Rs. 5500 in 4 years 6 months at the same rate of interest per annum , then the rate of simple interest is

(SSC CGl tier II 2016)

(a) $21\frac{3}{7}\%$ (b) $21\frac{2}{7}\%$ (c) $21\frac{1}{7}\%$ (d) $21\frac{5}{7}\%$

Amount = Principal + Interest

A Certain sum of money is borrowed by a person at 3% Simple
Interest for 4 years. If he has to pay Rs. 120 as interest , find the total amount
He has to pay
(a) Rs. 1020 (b) Rs. 820
(C) Rs. 1120 (d) Rs. 1220

Two equal sums were lent out at 7% and 5% S.I. respectively. The interest earned on the two loans add up to Rs.960 for 4 years. The total sum lent out in.
(a). Rs.3500 (b).Rs.2500(c).Rs.2000 (d). Rs.3000

John invested a sum of money at annual simple interest rate of 10%, At the end of four years the amount invested plus interest earned was Rs.770. The amount invested was
(A) Rs.650 (B) Rs.350 (C) Rs.550 (D)Rs.500

Anita borrowed Rs. 400 from her friend at the rate of 12% per annum for 2.5 years . Find the interest and the amount paid by her.

(a) Rs. 140, Rs . 540 (b) Rs. 130, Rs . 530 ,

(c) Rs. 125 ,Rs . 525 (d) Rs. 120, Rs . 520

A person borrows 5,000 for 2 years at 4% per annum simple interest. He immediately lends it to another person at $6\frac{1}{4}\%$ per annum simple interest for 2 years. His gain in the transaction is

(1) 112.50 (2) 450 (3) 225 (4) 150

SSC CGL Prelim Exam. 13.11.2005)

TYPE

If 10000 is given as loan for a period of 3 years with interest rates 6%, 8% and 10% for the 1st, 2nd and 3rd years, what is the total amount that needs to be paid in the end? 2) 13000 2) 15000 3) 18000 4) 12400 5) None of these

Arun borrowed a sum of money from Jayant at the rate of 8 % Per annum simple interest for the first four years. 10% per annum For the next 6 years and 12% per annum for the period beyond 10 years If he pays a total of Rs. 12160 as interest only at the end of 15 years how much money did he borrow ?
(BSRB Mumbai PO , 1998)

(a) Rs. 8000 (b) Rs.10000 (c) Rs. 12000 (d) Rs. 9000

Ashok borrowed some money at the rate of 6 % per annum for the first two years , at the rate 9% per annum for the next three years and the rate of 14% per annum for the period beyond five years. If he pays a total interest of Rs. 11400 at the end of 9 years. How much money did he borrow? (BOB, PO 1999)

(a) Rs. 16,000 (b) Rs. 14,000 (c) Rs. 18,000 (d) Rs. 12,000

Nitin borrowed some money at the rate of 6% p.a. for the first three years, 9% p.a. for the next five years and 13% p.a. for the period beyond eight years. If the total interest paid by him at the end of eleven years is Rs.8160, the money borrowed by him (in Rs.) was

(1)12,000 (2)6,000 (3)8,000 (4)10,000

(SSC FCI Assistant Grade – III Exam – 07.08.2013)

TYPE

A Sum was put at SI at a certain rate for 2 years. Had it been put at 3% higher rate , it would have fetched Rs 300 more. Find the sum .

$\frac{Prt}{100}$

$\left[\frac{P \times (r+3) \times 2}{100}\right] - \left[\frac{P \times r \times 2}{100}\right] = 300 \rightarrow \frac{P \times 2}{100}[r + 3 - r] = 300$

A Sum was put at SI at a certain rate for 3 years. Had it been put at 4% higher rate , it would have fetched Rs 600 more. Find the sum .
(A)Rs. 5000 (b) Rs. 4000
(c) Rs. 6000 (d) Rs. 3000

A Sum was put at SI at a certain rate for 5 years. Had it been put at 5% higher rate , it would have fetched Rs 500 more. Find the sum .

(A) Rs. 2500 (b) Rs. 2000 (c) Rs. 1500 (d) Rs. 1800

A Sum was put at SI at a certain rate for 6 years. Had it been put at 4% higher rate , it would have fetched Rs 960 more. Find the sum .

(A) Rs. 3000 (b) Rs. 3500 (c) Rs. 4000 (d) Rs. 4500

A Sum was put at SI at a certain rate for 4 years. Had it been put at 4% higher rate , it would have fetched Rs 160 more. Find the sum .

(A) Rs. 1500 (b) Rs. 800 (c) Rs. 1200 (d) Rs. 1000

A sum of money at some rate of simple Interest amounts to 2,900 in 8 years and to 3,000 in 10 years. The rate of interest per annum is

(1) 4% (2)2 $\frac{1}{2}$% (3) 3% (4) 2%

(SSC CPO S.I. Exam 2008)

TYPE

A sum of Rs.10,000 is lent partly at 8% and remaining at 10% per annum. If the yearly interest on the average is 9.2%, the two parts are:

a. **Rs.4000, Rs.6000**
b. **Rs.1500, Rs.5500**
c. **Rs.5000, Rs.5000**
d. **Rs.5500, Rs.4500**

(SSC CGL Prelim Exam – 04.07.1999)

A sum of Rs.4000 is lent out in two parts, one at 8% simple interest and the other at 10% simple interest. If the annual interest is Rs.352, the sum lent at 8% is (A) Rs.2900 (b)Rs.2200 (C) Rs.2400 (D) Rs.3100

(SSC CGL Tier – II (CBE) Exam – 30.11.2016)

TYPE

The simple interest on a sum of money is 1/9 of the principal , and the number of years is equal to the rate percent per annum. Find the rate percent

The simple interest on a sum of money is 1/25 of the principal, and the number of years is equal to the rate percent per annum. Find the rate percent

(a) 3% (b) 4% (c) 2% (d) 2.5%

The Simple Interest on a sum of money 1/16 of the principal , & the number of years is equal to the rate percent per annum. Find the rate percent .

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)15 years (b) 18 years

(c) 20 years (d) 3 years

TYPE

At what percent of simple interest will a sum of money double itself in 15 years?

(1) $6\frac{1}{3}$ (2) $6\frac{2}{3}$ (3) $6\frac{1}{2}$ (4) 6%

(SSC CGL Tier-I (CBE) Exam. 03.09.2016)

A man had an had 16.000. part of which he lent at 4% and the rest 5% per annum simple inter If the total interest received was 700 in one year, the money lent at 4% per annum was

(1) 12.000 (2) 8,000 (3)10,000 (4) 6,000

A sum of money becomes 7/6 of itself 3 years at a certain rate of simple interest. The rate per annum is :

(1) $5\frac{5}{9}$ % (2) $6\frac{5}{9}$% (3) 18% (4) 25%

(SSC CGL 04.07.1999)

The simple interest on a sum 5 years is $\frac{3}{5}$**th** of the sum , rate of interest per annum is

(1) 10% (2) 12% (3) 8% (4) $12\frac{1}{2}\%$

(SSC Matric Level MTS Exam. 2017

The Simple Interest on a sum after 4 years is 1/5 of the sum. The rate of interest per annum is

(A) 4% (B) 5% (C) 6% (D) 8%

(SSC CGL Prem exam 2002)

Simple interest on a certain sum for 6 years is $\frac{9}{25}$ of the sum The rate of interest is

(1) 6% (2) $6\frac{1}{2}$% (3) 8% (4) $8\frac{1}{2}$ %

(SSC CGL Tier-1 Exam. 19.06.2011

In what time will be the simple interest be $\frac{2}{5}$ of the principal at 8% per annum

(a) 8 years (B) 7 years (C) 5 years (d) 6 years

(SSC CGL , 2002)

At some rate of simple interest, A lent 6,000 to B for 2 years and Rs. 1,500 to C for 4 years and received 9,00 as interest from both of them together. The rate of interest per annum was

(1) 5% (2) 6% (3) 8% 4) 10%

(SSC CPO S.I. Exam. 12.12.2010)

A sum of money becomes 7/6 of itself 3 years at a certain rate of simple interest. The rate per annum is :

(1) $5\frac{5}{9}$ % (2) $6\frac{5}{9}$% (3) 18% (4) 25%

(SSC CGL 04.07.1999)