

QUESTIONS ASKED IN PREVIOUS SSC EXAMS

TYPE-I

1. What sum of money must be given as simple interest for six months at 4% per annum in order to earn ₹ 150 interest?

(1) ₹ 5000 (2) ₹ 7500
(3) ₹ 10000 (4) ₹ 15000

(SSC CGL Prelim Exam. 04.07.1999
(Second Sitting))

2. A sum of ₹ 1600 gives a simple interest of ₹ 252 in 2 years and 3 months. The rate of interest per annum is:

(1) $5\frac{1}{2}\%$ (2) 8%
(3) 7% (4) 6%

(SSC CGL Prelim Exam. 27.02.2000
(First Sitting))

3. A sum of money lent at simple interest amounts to ₹ 880 in 2 years and to ₹ 920 in 3 years. The sum of money (in rupees) is

(1) 700 (2) 760
(3) 784 (4) 800

(SSC CISF ASI Exam. 29.08.2010
(Paper-I))

4. At some rate of simple interest, A lent ₹ 6,000 to B for 2 years and ₹ 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
(Paper-I))

5. A lent ₹ 5000 to B for 2 years and ₹ 3000 to C for 4 years on simple interest at the same rate of interest and received ₹ 2200 in all from both as interest. The rate of interest per annum is

(1) 7% (2) 5%

(3) $7\frac{1}{8}\%$ (4) 10%

(SSC CPO S.I. Exam. 12.01.2003)
& (SSC SAS Exam. 26.06.2010
(Paper-I))

6. What sum of money will amount to ₹ 520 in 5 years and to ₹ 568 in 7 years at simple interest ?

(1) ₹ 400 (2) ₹ 120
(3) ₹ 510 (4) ₹ 220

(SSC CGL Prelim Exam. 11.05.2003
(First Sitting))

7. ₹ 500 was invested at 12% per annum simple interest and a certain sum of money invested at 10% per annum simple interest. If the sum of the interest on both the sum after 4 years is ₹ 480, the latter sum of money is :

(1) ₹ 450 (2) ₹ 750
(3) ₹ 600 (4) ₹ 550

(SSC CGL Prelim Exam. 11.05.2003
(First Sitting))

8. A money lender finds that due to fall in the annual rate of interest

8% to $7\frac{3}{4}\%$, his yearly income diminishes by ₹ 61.50. His capital is

(1) ₹ 22400 (2) ₹ 23800
(3) ₹ 24600 (4) ₹ 26000

(SSC CGL Prelim Exam. 11.05.2003
(First Sitting))

9. A lends ₹ 2500 to B and a certain sum to C at the same time at 7% annual simple interest. If after 4 years, A altogether receives ₹ 1120 as interest from B and C, the sum lent to C is

(1) ₹ 700 (2) ₹ 6500
(3) ₹ 4000 (4) ₹ 1500

(SSC CGL Prelim Exam. 11.05.2003
(Second Sitting))

10. A certain sum of money amounts to ₹ 756 in 2 years and to ₹ 873

in $3\frac{1}{2}$ years at a certain rate of simple interest. The rate of interest per annum is

(1) 10% (2) 11%
(3) 12% (4) 13%

(SSC CGL Prelim Exam. 11.05.2003
(Second Sitting))

11. What sum will amount to ₹ 7000

in 5 years at $3\frac{1}{3}\%$ simple interest ?

(1) ₹ 6300 (2) ₹ 6500
(3) ₹ 6000 (4) ₹ 5000

(SSC CPO S.I. Exam. 07.09.2003)

12. A man took a loan from a bank at the rate of 12% per annum at simple interest. After 3 years he had to pay ₹ 5,400 as interest only for the period. The principal amount borrowed by him was :

(1) ₹ 2,000 (2) ₹ 10,000
(3) ₹ 20,000 (4) ₹ 15,000

(SSC CGL Prelim Exam. 08.02.2004
(First Sitting))

13. A sum of money at simple interest

amounts to ₹ 1,012 in $2\frac{1}{2}$

years and to ₹ 1,067.20 in 4 years. The rate of interest per annum is :

(1) 2.5% (2) 3%
(3) 4% (4) 5%

(SSC CGL Prelim Exam. 08.02.2004
(1st Sitting) & (SSC SAS Exam.
26.06.2010 (Paper-I) & (SSC CHSL
DEO & LDC Exam. 28.10.2012))

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

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

(SSC CGL Prelim Exam. 08.02.2004
(Second Sitting))

15. The sum of money, that will give ₹ 1 as interest per day at the rate of 5% per annum simple interest is

(1) ₹ 3650 (2) ₹ 36500
(3) ₹ 730 (4) ₹ 7300

(SSC CPO S.I. Exam. 05.09.2004)

16. If the simple interest on a certain sum of money for 15 months

at $7\frac{1}{2}\%$ per annum exceeds the simple interest on the same sum

for 8 months at $12\frac{1}{2}\%$ per annum by ₹ 32.50, then the sum of money (in ₹) is :

(1) 312 (2) 312.50
(3) 3120 (4) 3120.50

(SSC CPO S.I. Exam. 26.05.2005)

17. What annual instalment will discharge a debt of ₹ 6450 due in 4 years at 5% simple interest ?

(1) ₹ 1500 (2) ₹ 1835
(3) ₹ 1935 (4) ₹ 1950

(SSC CGL Prelim Exam. 13.11.2005
(1st Sitting) & (SSC CGL Tier-I
Exam. 16.05.2010))

SIMPLE INTEREST

- 18.** In what time will ₹ 72 become ₹ 81 at $6\frac{1}{4}\%$ per annum simple interest ?

(1) 2 years
(2) 3 years
(3) 2 years 6 months
(4) None of these

(SSC CGL Prelim Exam. 13.11.2005
(First Sitting))

- 19.** The simple interest on ₹ 7,300 from 11 May, 1987 to 10 September, 1987 (both days included) at 5% per annum is

(1) ₹ 123 (2) ₹ 103
(3) ₹ 200 (4) ₹ 223

(SSC CGL Prelim Exam. 13.11.2005
(Second Sitting))

- 20.** 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
(Second Sitting))

- 21.** A man had ₹ 16,000, part of which he lent at 4% and the rest at 5% per annum simple interest. 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

(SSC CGL Prelim Exam. 13.11.2005
(Second Sitting))

- 22.** ₹ 1,000 is invested at 5% per annum simple interest. If the interest is added to the principal after every 10 years, the amount will become ₹ 2,000 after

(1) 15 years (2) 18 years

(3) 20 years (4) $16\frac{2}{3}$ years

(SSC CGL Prelim Exam. 04.02.2007
(First Sitting))

- 23.** 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

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

(SSC CGL Prelim Exam. 04.02.2007
(First Sitting))

- 24.** ₹ 800 becomes ₹ 956 in 3 years at a certain rate of simple interest. If the rate of interest is increased by 4%, what amount will ₹ 800 become in 3 years ?

(1) ₹ 1020.80 (2) ₹ 1025
(3) ₹ 1052 (4) ₹ 1050

(SSC CGL Tier-1 Exam. 26.06.2011
(Second Sitting))

- 25.** A person deposited ₹ 400 for 2 years, ₹ 550 for 4 years and ₹ 1,200 for 6 years. He received the total simple interest of ₹ 1,020. The rate of interest per annum is

(1) 10% (2) 5%
(3) 15% (4) 20%

(SSC CGL Prelim Exam. 04.02.2007
(First Sitting))

- 26.** Manoj deposited ₹ 29400 for 6 years at a simple interest. He got ₹ 4200 as interest after 6 years. The annual rate of interest was

(1) $2\frac{8}{21}\%$ (2) $2\frac{7}{20}\%$

(3) $3\frac{8}{21}\%$ (4) $4\frac{8}{21}\%$

(SSC CGL Prelim Exam. 04.02.2007
(Second Sitting))

- 27.** A man lent ₹ 60,000, partly at 5% and the rest at 4% simple interest. If the total annual interest is ₹ 2560, the money lent at 4% was

(1) ₹ 40000 (2) ₹ 44000
(3) ₹ 30000 (4) ₹ 45000

(SSC CGL Prelim Exam. 27.07.2008
(First Sitting))

- 28.** 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. 09.11.2008)

- 29.** In how many years will a sum of ₹ 3,000 yield a simple interest of ₹ 1,080 at 12% per annum ?

(1) 3 years (2) $2\frac{1}{2}$ years

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

(SSC Data Entry Operator
Exam. 02.08.2009)

- 30.** A sum of money amounts to ₹ 850 in 3 years and to ₹ 925 in 4 years at some rate of simple interest. The sum is :

(1) ₹ 550 (2) ₹ 600
(3) ₹ 625 (4) ₹ 700

(SSC CHSL DEO & LDC
Exam. 27.11.2010)

- 31.** In what time will ₹ 1,860 amount to 2,641.20 at simple interest 12% per annum ?

(1) 3 years (2) $3\frac{1}{2}$ years

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

(SSC Constable (GD) & Rifleman
(GD) Exam. 22.04.2012 (IInd Sitting))

- 32.** The population of a village decreases at the rate of 20% per annum. If its population 2 years ago was 10,000, the present population is

(1) 4600 (2) 6400
(3) 7600 (4) 6000

(SSC CHSL DEO & LDC Exam.
04.11.2012, IInd Sitting)

- 33.** The sum lent at 5% per annum (i.e. 365 days) simple interest, that produces interest, of ₹ 2.00 a day, is

(1) ₹ 1,400 (2) ₹ 14,700
(3) ₹ 14,600 (4) ₹ 7,300

(SSC Multi-Tasking Staff
Exam. 17.03.2013, Ist Sitting)

- 34.** A certain sum of money lent out at simple interest amounts to ₹ 1380 in 3 years and ₹ 1500 in 5 years. Find the rate per cent per annum.

(1) 3% (2) 3.5%
(3) 4% (4) 5%

(SSC Multi-Tasking Staff
Exam. 17.03.2013, Kolkata Region)

- 35.** If a sum of money amounts to ₹ 12,900 and ₹ 14,250 at the end of 4th year and 5th year respectively at a certain rate of simple interest, then the rate of interest is

(1) 10% (2) 12%
(3) 18% (4) 20%

(SSC Constable (GD)
Exam. 12.05.2013 Ist Sitting)

SIMPLE INTEREST

- 36.** In what time will ₹ 8,000, at 3% per annum, produce the same interest as ₹ 6, 000 does in 5 years at 4 % simple interest ?

(1) 5 years (2) 6 years
(3) 3 years (4) 4 years

(SSC CGL Tier-I Exam. 26.10.2014)

- 37.** The principal which gives ₹ 1 interest per day at a rate of 5% simple interest per annum is

(1) ₹ 5000 (2) ₹ 7300
(3) ₹ 36500 (4) ₹ 3650

(SSC CGL Tier-II Exam. 12.04.2015
(TF No. 567 TL 9)

- 38.** A sum of money lent out at simple interest amounts to Rs. 720 after 2 years and Rs. 1020 after a further period of 5 years. Find the principal.

(1) Rs. 600 (2) Rs. 1740
(3) Rs. 6000 (4) Rs. 120

(SSC CGL Tier-I Exam, 09.08.2015
(IInd Sitting) TF No. 4239378)

- 39.** The simple interest on Rs. 36,000 for the period from 5th January to 31st May, 2013 at 9.5% per annum is

(1) Rs. 1,338 (2) Rs. 1,425
(3) Rs. 1,400 (4) Rs. 1,368

(SSC CHSL (10+2) LDC, DEO
& PA/SA Exam, 20.12.2015
(1st Sitting) TF No. 9692918)

- 40.** Alipta got some amount of money from her father. In how many years will the ratio of the money and the interest obtained from it be 10:3 at the rate of 6% simple interest per annum?

(1) 7 years (2) 3 years
(3) 5 years (4) 4 years

(SSC CGL Tier-I (CBE)
Exam.10.09.2016)

- 41.** The sum of money that will yield Rs. 60 as simple interest at the rate of 6% per annum in 5 years is

(1) 200 (2) 225
(3) 175 (4) 300

(SSC CGL Tier-I (CBE)
Exam.11.09.2016) (1st Sitting)

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

(1) $21\frac{3}{7}\%$ (2) $21\frac{2}{7}\%$

(3) $21\frac{1}{7}\%$ (4) $21\frac{5}{7}\%$

(SSC CGL Tier-II Online
Exam.01.12.2016)

- 43.** The simple interest on a certain sum of money at the rate of 5% per annum for 8 years is Rs. 840. Rate of interest for which the same amount of interest can be received on the same sum after 5 years is :

(1) 7% per annum
(2) 8% per annum
(3) 9% per annum
(4) 10% per annum

(SSC CHSL (10+2) Tier-I (CBE)
Exam. 08.09.2016) (1st Sitting)

- 44.** A sum of Rs. 2800 is divided into two parts in such a way that the interest on both the parts is equal. If the first part is lent at 9% p.a. for 5 years and second part is for 6 years at 10% p.a., find the two sums.

(1) Rs. 1800, Rs. 1000
(2) Rs. 1600, Rs. 1200
(3) Rs. 1400, Rs. 1400
(4) Rs. 1300, Rs. 1500

(SSC CAPFs (CPO) SI & ASI,
Delhi Police Exam. 05.06.2016)
(1st Sitting)

- 45.** The simple interest on a sum for 5 years is two-fifth of the sum. The rate of interest per annum is

(1) 0.1 (2) 0.08
(3) 0.06 (4) 0.04

(SSC CGL Tier-I (CBE)
Exam. 31.08.2016) (1st Sitting)

- 46.** If the simple interest on Rs. 400 for 10 years is Rs. 280, the rate of interest per annum is

(1) 7% (2) $7\frac{1}{2}\%$

(3) $7\frac{1}{4}\%$ (4) $8\frac{1}{2}\%$

(SSC CGL Tier-I (CBE)
Exam. 04.09.2016) (1st Sitting)

- 47.** If the simple interest on Re. 1 for 1 month is 1 paise, then the rate per cent per annum will be

(1) 10% (2) 8%
(3) 12% (4) 6%

(SSC CGL Tier-I (CBE)
Exam. 07.09.2016) (1st Sitting)

- 48.** How much simple interest will Rs. 4000 earn in 18 months at 12% per annum?

(1) Rs. 216 (2) Rs. 360
(3) Rs. 720 (4) Rs. 960

(SSC CGL Tier-I (CBE)

Exam. 01.09.2016) (IInd Sitting)

- 49.** In how many years a sum of Rs. 3000 will yield an interest of Rs. 1080 at 12% per annum simple interest ?

(1) 4 years (2) 3 years

(3) 5 years (4) $2\frac{1}{2}$ years

(SSC CGL Tier-I (CBE)

Exam. 29.08.2016) (1st Sitting)

- 50.** In simple interest rate per annum a certain sum amounts to Rs. 5,182 in 2 years and Rs. 5,832 in 3 years. The principal in rupees is

(1) Rs. 2882 (2) Rs. 5000
(3) Rs. 3882 (4) Rs. 4000

(SSC CGL Tier-I (CBE)

Exam. 30.08.2016) (IIIrd Sitting)

- 51.** For what sum will the simple interest at R% per annum for 2 years will be R ?

(1) Rs. $\frac{100}{2R}$ (2) Rs. 50

(3) Rs. $\frac{100}{R}$ (4) Rs. $\frac{200}{R}$

(SSC CGL Tier-I (CBE)

Exam. 10.09.2016) (IInd Sitting)

- 52.** The amount to be paid, when principal = Rs. 2000, rate of simple interest (R) = 5%, T = 2 years, is :

(1) Rs. 3,200 (2) Rs. 2,400
(3) Rs. 2,200 (4) Rs. 3,400

(SSC CGL Tier-I (CBE)

Exam. 27.10.2016) (1st Sitting)

- 53.** The rate of simple interest for which Rs. 6,000 will amount to Rs. 6,900 in 3 years is

(1) 5% (2) 7%
(3) 2% (4) 4%

(SSC CGL Tier-I (CBE)

Exam. 27.10.2016) (1st Sitting)

TYPE-II

1. 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 :

(1) $5\frac{5}{9}\%$ (2) $6\frac{5}{9}\%$

(3) 18% (4) 25%

(SSC CGL Prelim Exam. 04.07.1999
(First Sitting))

2. 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

(1) 10% (2) 1%

(3) 2.5% (4) 5%

(SSC CGL Prelim Exam. 11.05.2003
(Second Sitting))

3. 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 ?

(1) 8 years (2) 10 years

(3) 12 years (4) 14 years

(SSC CPO S.I. Exam. 26.05.2005)

4. 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 ?

(1) 4% (2) 6%

(3) $5\frac{2}{3}\%$ (4) $6\frac{2}{3}\%$

(SSC CGL Prelim Exam. 24.02.2002)
& (SSC CGL Prelim Exam. 13.11.2005 (IInd Sitting))

5. ₹ 6,000 becomes ₹ 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

(1) ₹ 8,000 (2) ₹ 8,250

(3) ₹ 9,250 (4) ₹ 9,000

(SSC CGL Prelim Exam. 04.02.2007
(First Sitting))

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

(1) 40 years (2) 36 years

(3) 30 years (4) 25 years

(SSC CGL Prelim Exam. 04.02.2007
(Second Sitting))

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

(1) $16\frac{2}{3}\%$ (2) 7.5%

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

(SSC CGL Prelim Exam. 27.07.2008
(First Sitting))

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

(1) 18% (2) $18\frac{1}{4}\%$

(3) $18\frac{3}{4}\%$ (4) $18\frac{1}{2}\%$

(SSC CGL Prelim Exam. 27.07.2008
(Second Sitting))

9. 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

(1) 15% (2) 20%

(3) $15\frac{3}{4}\%$ (4) $16\frac{2}{3}\%$

(SSC CGL Prelim Exam. 27.07.2008
(Second Sitting))

10. In how many years will a sum of

money double itself at $6\frac{1}{4}\%$

simple interest per annum ?

(1) 24 years (2) 20 years

(3) 16 years (4) 12 years

(SSC CGL Tier-I Exam. 16.05.2010
(Second Sitting))

11. 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

(1) 15 years (2) 18 years

(3) 20 years (4) 30 years

(SSC CISF ASI Exam. 29.08.2010
(Paper-1))

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

(1) $6\frac{1}{4}$ years (2) $6\frac{1}{2}$ years

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

(SSC Data Entry Operator
Exam. 31.08.2008)

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

(1) 8 yrs. 6 months

(2) 6 yrs. 9 months

(3) 8 yrs. 4 months

(4) 7 yrs. 6 months

(SSC CHSL DEO & LDC
Exam. 21.10.2012 (IInd Sitting))

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

(1) 10% (2) 12.5%

(3) 15% (4) 20%

(SSC CAPFs SI, CISF ASI & Delhi
Police SI Exam. 22.06.2014
TF No. 999 KP0)

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

(1) 25 years (2) 24 years

(3) 48 years (4) 64 years

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, IInd Sitting
TF No. 545 GP 6)

16. 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

(1) 16 years (2) $12\frac{1}{2}$ years

(3) 8 years (4) $10\frac{2}{3}$ years

(SSC CGL Tier-I Exam, 09.08.2015
(Ist Sitting) TF No. 1443088)

17. 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

(1) 5 (2) 8

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

(SSC CGL Tier-II Exam,
25.10.2015, TF No. 1099685)

SIMPLE INTEREST

- 18.** 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.

(1) 14 (2) 28
(3) 21 (4) 10

(SSC CPO SI, ASI Online Exam.05.06.2016) (IInd Sitting)

- 19.** 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 :

(1) 3 years (2) 4 years
(3) 5 years (4) 2 years

(SSC CAPFs (CPO) SI & ASI, Delhi Police Exam. 20.03.2016) (IInd Sitting)

- 20.** At what per cent 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) (IInd Sitting)

- 21.** 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

(1) $\frac{5}{2}$ times the original amount
(2) 3 times the original amount
(3) $\frac{7}{2}$ times the original amount
(4) 4 times the original amount

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

- 22.** The rate of simple interest for which a sum of money becomes 5 times of itself in 8 years is :

(1) 30% (2) 40%
(3) 50% (4) 55%

(SSC CGL Tier-I (CBE) Exam. 04.09.2016) (IIInd Sitting)

- 23.** If a sum of money doubles itself in 8 years, then the interest rate in percentage is

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

(SSC CGL Tier-I (CBE) Exam. 10.09.2016) (IIInd Sitting)

- 24.** The rate of simple interest per annum at which a sum of money

doubles itself in $16\frac{2}{3}$ years is

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

(SSC CGL Tier-I (CBE) Exam. 11.09.2016) (IInd Sitting)

TYPE-III

- 1.** In what time will the simple interest be $\frac{2}{5}$ of the principal at

8 per cent per annum?

(1) 8 years (2) 7 years
(3) 5 years (4) 6 years

(SSC CGL Prelim Exam. 24.02.2002) (First Sitting)

- 2.** The simple interest on a sum after 4 years is $\frac{1}{5}$ of the sum.

The rate of interest per annum is

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

(SSC CGL Prelim Exam. 24.02.2002) (Middle Zone)

- 3.** 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-I Exam. 19.06.2011) (Second Sitting)

- 4.** The simple interest on a sum for 5 years is one fourth of the sum. The rate of interest per annum is

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

(SSC CGL Tier-I Exam. 26.06.2011) (First Sitting)

- 5.** On a certain sum, the simple interest at the end of $6\frac{1}{4}$ years

becomes $\frac{3}{8}$ of the sum. The rate of interest is

(1) 5% (2) 6%
(3) 7% (4) 8%

(SSC CPO (SI, ASI & Intelligence Officer) Exam. 28.08.2011) (Paper-I)

- 6.** The present worth of a bill due 7 months hence is ₹ 1200 and if the bill were due at the end of

$2\frac{1}{2}$ years its present worth

would be ₹ 1016. The rate per cent is

(1) 5% (2) 10%
(3) 15% (4) 20%

(SSC CHSL (10+2) DEO & LDC Exam. 16.11.2014, IInd Sitting) (TF No. 545 QP 6)

- 7.** At the rate of simple interest per annum, the interest on a certain sum of money for 10 years will

be $\frac{2}{5}$ th part of the amount, then

the rate of simple interest is

(1) 5% (2) $6\frac{2}{3}\%$
(3) 7% (4) $4\frac{1}{2}\%$

(SSC CGL Tier-II Exam, 2014 12.04.2015 (Kolkata Region) (TF No. 789 TH 7)

- 8.** A and B borrowed Rs. 3000 and Rs. 3200 respectively at the same rate of interest for $2\frac{1}{2}$ years. If

B paid Rs. 40 more interest than A, find the rate of interest.

(1) 5% (2) 7%
(3) 8% (4) 6%

(SSC CAPFs SI, CISF ASI & Delhi Police SI Exam, 21.06.2015) (IInd Sitting)

TYPE-IV

- 1.** The simple interest on a certain sum at 5% per annum for 3 years and 4 years differ by ₹ 42. The sum is :

(1) ₹ 210 (2) ₹ 280
(3) ₹ 750 (4) ₹ 840

(SSC CGL Prelim Exam. 04.07.1999) (First Sitting)

- 2.** The difference between the simple interest received from two different sources on ₹ 1500 for 3 years is ₹ 13.50. The difference between their rates of interest is:

(1) 0.1% (2) 0.2%
(3) 0.3% (4) 0.4%

(SSC CGL Prelim Exam. 04.07.1999) (Second Sitting)

SIMPLE INTEREST

3. 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 :

- (1) 5% (2) $6\frac{2}{3}\%$
(3) 6% (4) $7\frac{1}{5}\%$

(SSC CGL Prelim Exam. 27.02.2000
(Second Sitting))

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

- (1) ₹ 2,580 (2) ₹ 2400
(3) ₹ 2529 (4) ₹ 3600

(SSC CGL Prelim Exam. 11.05.2003
(First Sitting))

5. 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 ?

- (1) ₹ 1700 (2) ₹ 1800
(3) ₹ 1900 (4) ₹ 2000

(SSC CGL Prelim Exam. 08.02.2004
(Second Sitting))

6. 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

- (1) 8% (2) $11\frac{1}{2}\%$
(3) $12\frac{1}{2}\%$ (4) $12\frac{1}{4}\%$

(SSC CGL Prelim Exam. 08.02.2004
(IInd Sitting) & (SSC CGL Tier-I
Exam. 26.06.2011) (IInd Sitting))

7. A sum of ₹ 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 :

- (1) ₹ 500 (2) ₹ 1000
(3) ₹ 750 (4) ₹ 1250

(SSC CGL Prelim Exam. 13.11.2005
(First Sitting))

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

- (1) 20 years (2) 30 years
(3) 10 years (4) 22 years

(SSC CPO S.I. Exam. 03.09.2006)

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

- (1) 4 years (2) 5 years
(3) $6\frac{1}{4}$ years (4) $8\frac{2}{3}$ years

(SSC CGL Prelim Exam. 04.02.2007
(First Sitting))

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

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

(SSC Section Officer (Commercial
Audit) Exam. 30.09.2007 (IInd
Sitting) & (SSC CHSL DEO & LDC
Exam. 27.10.2013))

11. If ₹ 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

- (1) ₹ 8,000 (2) ₹ 6,000
(3) ₹ 7,000 (4) ₹ 7,500

(SSC CGL Prelim Exam. 27.07.2008
(Second Sitting))

12. 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 per cent is

- (1) 2.5% (2) 5%
(3) 7.5% (4) 10%

(SSC CPO S.I. Exam. 06.09.2009)

13. 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 ₹ 150, the sum lent to each was

- (1) ₹ 500 (2) ₹ 1000
(3) ₹ 2000 (4) ₹ 3000

(SSC CPO S.I. Exam. 06.09.2009)

14. A sum of ₹ 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

- (1) 60 (2) 65
(3) 70 (4) 40

(SSC CGL Prelim Exam. 24.02.2002
(Middle Zone))

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

- (1) 18 years (2) 20 years
(3) 22 years (4) 24 years

(SSC CGL Prelim Exam. 04.02.2007
(First Sitting))

16. 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

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

(SSC CPO SI. Exam. 12.12.2010) &
(SSC CGL Tier-1 Exam. 19.06.2011)
(First Sitting))

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

- (1) 4% (2) 5%
(3) 2% (4) 3%

(SSC Multi-Tasking Staff
Exam. 17.03.2013, IInd Sitting)

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

(1) 0.10% (2) 0.25%
(3) 0.50% (4) 1.00%

(SSC CHSL DEO CHSL DEO & LDC Exam. 27.11.2010) & (SSC CHSL DEO & LDC Exam. 04.11.2012)

- 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 ?

(1) 4 years (2) 5 years
(3) 6 years (4) 8 years

(SSC CHSL DEO & LDC Exam. 28.11.2010 (IInd Sitting))

- 20.** 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

(1) $\frac{5}{2}\%$ (2) 10%
(3) 25% (4) 12.5%

(SSC Delhi Police S.I. (SI) Exam. 19.08.2012)

- 21.** The simple interest on ₹ 4,000 in 3 years at the rate of $x\%$ per annum equals the simple interest on ₹ 5,000 at the rate of 12% per annum in 2 years. The value of x is

(1) 10% (2) 6%
(3) 8% (4) 9%

(SSC Graduate Level Tier-I Exam. 19.05.2013 Ist Sitting)

- 22.** 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

(1) $z^2 = xy$ (2) $xyz = 1$
(3) $x^2 = yz$ (4) $y^2 = zx$

(SSC CHSL DEO & LDC Exam. 10.11.2013, IInd Sitting)

- 23.** Prakash lends a part of ₹ 20,000 at 8% simple interest and remaining at $\frac{4}{3}\%$ simple interest.

His total income after a year was ₹ 800. Find the sum lent at 8%.

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

(SSC CGL Tier-II Exam. 21.09.2014)

- 24.** 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 ₹ 1350, then the sum deposited in each case is :

(1) ₹ 3000 (2) ₹ 4000
(3) ₹ 5000 (4) ₹ 6500

(SSC CGL Tier-I Exam, 16.08.2015 (IInd Sitting) TF No. 2176783)

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

(1) Rs. 30 (2) Rs. 70
(3) Rs. 80 (4) Rs. 50

(SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 01.11.2015, IInd Sitting)

TYPE-V

- 1.** A sum of ₹1550 was lent partly at 5% and partly at 8% simple interest. The total interest received after 3 years is ₹ 300. The ratio of money lent at 5% to that at 8% is :

(1) 5 : 8 (2) 8 : 5
(3) 31 : 6 (4) 16 : 15

(SSC CGL Prelim Exam. 24.02.2002 (First Sitting))

- 2.** A person lent ₹ 5,000 partly at the rate of 4 per cent and partly at the rate of 5 per cent per annum simple interest. The total interest after 2 years is ₹ 440. To find the sum of money lent at each of the above rates, ₹ 5,000 is to be divided in the ratio :

(1) 4 : 5 (2) 3 : 2
(3) 5 : 4 (4) 2 : 3

(SSC CGL Prelim Exam. 24.02.2002 (Second Sitting))

- 3.** A person borrows some money for 5 years and loan amount : total interest amount is 5 : 2. The ratio of loan amount : interest rate is equal to :

(1) 2 : 25 (2) 2 : 1
(3) 5 : 2 (4) 25 : 2

(SSC Section Officer (Commercial Audit) Exam. 25.09.2005)

- 4.** A person invests money in three different schemes for 6 years, 10 years and 12 years at 10 per cent, 12 per cent and 15 per cent simple interest respectively. At the

completion of each scheme, he gets the same interest. The ratio of his investment is

(1) 6 : 3 : 2 (2) 2 : 3 : 4
(3) 3 : 4 : 6 (4) 3 : 4 : 2

(SSC Section Officer (Commercial Audit) Exam. 26.11.2006 (Second Sitting))

- 5.** With a given rate of simple interest, the ratio of principal and amount for a certain period of time is 4 : 5. After 3 years, with the same rate of interest, the ratio of the principal and amount becomes 5 : 7. The rate of interest is

(1) 4% (2) 6%
(3) 5% (4) 7%

(SSC CGL Prelim Exam. 04.02.2007 (First Sitting))

- 6.** Ratio of the principal and the amount after 1 year is 10:12. Then the rate of interest per annum is :

(1) 12% (2) 16%
(3) 18% (4) 20%

(FCI Assistant Grade-III Exam. 05.02.2012 (Paper-I))

East Zone (IInd Sitting)

- 7.** In a certain time, the ratio of a certain principal and the simple interest obtained from it are in the ratio 10 : 3 at 10% interest per annum. The number of years the money was invested is

(1) 1 year (2) 3 years
(3) 5 years (4) 7 years

(SSC Multi-Tasking (Non-Technical) Staff Exam. 20.02.2011)

- 8.** ₹12,000 is divided into two parts so that the simple interest on the first part for 3 years at 12% per annum may be equal to the simple interest on the second part

for $4\frac{1}{2}$ years at 16% per annum.

The ratio of the first part to the second part is

(1) 2 : 1 (2) 1 : 2
(3) 2 : 3 (4) 3 : 2

(SSC CHSL DEO & LDC Exam. 28.10.2012, Ist Sitting)

- 9.** If ratio of principal and simple interest for 1 year is 25 : 1, then the rate of interest is

(1) 4% (2) 25%
(3) 5% (4) 20%

(SSC CGL Tier-I Re-Exam, 30.08.2015)

- 10.** If the ratio of principal and the simple interest for 5 years is 10 : 3, then the rate of interest is :

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

(SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 15.11.2015 (IInd Sitting) TF No. 7203752)

- 11.** 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

(1) Rs. 2900 (2) Rs. 2200
(3) Rs. 2400 (4) Rs. 3100

(SSC CGL Tier-II (CBE) Exam, 30.11.2016)

TYPE-VI

- 1.** A sum of ₹ 400 amounts to ₹ 480 in 4 years. What will it amount to if the rate of interest is increased by 2%?

(1) ₹ 484 (2) ₹ 560
(3) ₹ 512 (4) None of these

(SSC CGL Prelim Exam, 27.02.200 (First Sitting))

- 2.** A man loses ₹ 55.50 yearly when the annual rate of interest falls from 11.5% to 10%. His capital (in rupees) is

(1) 3700 (2) 7400
(3) 8325 (4) 11100

(SSC CGL Prelim Exam, 11.05.2003 (Second Sitting))

- 3.** If the annual rate of simple interest increases from 10% to $12\frac{1}{2}\%$, a man's yearly income

increases by ₹ 1250. His principal (in rupees) is

(1) 50,000 (2) 45,000
(3) 60,000 (4) 65,000

(SSC CGL Prelim Exam, 08.02.2004 (Second Sitting))

- 4.** A sum was invested on simple interest at a certain rate for 2 years. Had it been put at 3% higher rate, it would have fetched ₹ 72 more. The sum is

(1) ₹ 1,200 (2) ₹ 1,500
(3) ₹ 1,600 (4) ₹ 1,800

(SSC CPO S.I. Exam, 06.09.2009)

- 5.** A sum of money was lent at simple interest at a certain rate for 3 years. Had it been lent at 2.5% per annum higher rate, it would have fetched ₹ 540 more. The money lent was :

(1) ₹ 6400 (2) ₹ 6472
(3) ₹ 6840 (4) ₹ 7200

(SSC CHSL DEO & LDC Exam, 27.11.2010)

- 6.** A sum of money was invested at a certain rate of simple interest for 2 years. Had it been invested at 1% higher rate, it would have fetched ₹ 24 more interest. The sum of money is :

(1) ₹ 1200 (2) ₹ 1050
(3) ₹ 1000 (4) ₹ 9600

(SSC CHSL DEO & LDC Exam, 28.11.2010 (1st Sitting))

- 7.** A person who pays income tax at the rate of 4 paise per rupee, find that a fall of interest rate from 4% to 3.75% diminishes his net yearly income by ₹ 48. What is his capital?

(1) ₹ 24,000 (2) ₹ 25,000
(3) ₹ 20,000 (4) ₹ 18,000

(SSC CHSL DEO & LDC Exam, 04.11.2012, IInd Sitting)

- 8.** A sum was lent at simple interest at a certain rate for 2 years. Had it been lent at 3% higher rate, it would have fetched ₹ 300 more. The original sum of money was :

(1) ₹ 5000 (2) ₹ 6000
(3) ₹ 7000 (4) ₹ 4000

(SSC Multi-Tasking Staff Exam, 10.03.2013)

- 9.** A sum of ₹ 2,400 amounts to ₹ 3,264 in 4 years at a certain rate of simple interest. If the rate of interest is increased by 1%, the same sum in the same time would amount to

(1) ₹ 3,288 (2) ₹ 3,312
(3) ₹ 3,340 (4) ₹ 3,360

(SSC Multi-Tasking Staff Exam, 24.03.2013, 1st Sitting)

- 10.** ₹ 800 amounts to ₹ 920 in 3 years at simple interest. If the interest rate is increased by 3%, it would amount to

(1) ₹ 1,056 (2) ₹ 1,112
(3) ₹ 1,182 (4) ₹ 992

(SSC CAPFs SI, CISF ASI & Delhi Police SI Exam, 22.06.2014)

- 11.** A sum of Rs. 800 amounts to Rs. 920 in 3 years at the simple interest rate. If the rate is increased by 3% p.a., what will be the sum amount to in the same period ?

(1) ₹ 992 (2) ₹ 962
(3) ₹ 942 (4) ₹ 982

(SSC CHSL DEO & LDC Exam, 02.11.2014 (IInd Sitting))

- 12.** The amount ₹ 2,100 became ₹ 2,352 in 2 years at simple interest. If the interest rate is decreased by 1%, what is the new interest ?

(1) ₹ 210 (2) ₹ 220
(3) ₹ 242 (4) ₹ 252

(SSC CHSL DEO Exam, 02.11.2014 (1st Sitting))

- 13.** A sum of Rs. 800 becomes Rs. 956 in 3 years at a certain rate of simple interest. If the rate of interest is increased by 4%, what amount will the same sum become in 3 years ?

(1) Rs. 1025 (2) Rs. 1042
(3) Rs. 1052 (4) Rs. 1024

(SSC Constable (GD)

Exam, 04.10.2015, 1st Sitting)

- 14.** The rate of simple interest per annum of bank being decreased

from 5% to $3\frac{1}{2}\%$, the annual in-

come of a person from interest was less by Rs. 105. The sum deposited at the bank was

(1) Rs. 6,000 (2) Rs. 7,200
(3) Rs. 6,800 (4) Rs. 7,000

(SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 20.12.2015 (1st Sitting) TF No. 9692918)

TYPE-VII

- 1.** A sum of ₹ 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 :

(1) ₹ 4000, ₹ 6000
(2) ₹ 4500, ₹ 5500
(3) ₹ 5000, ₹ 5000
(4) ₹ 5500, ₹ 4500

(SSC CGL Prelim Exam, 04.07.1999 (Second Sitting))

- 2.** A sum of ₹ 1000 is lent out partly at 8% and the remaining at 10% per annum. If the yearly income on the average is 9.2%, the two parts respectively are

(1) ₹ 400, ₹ 600 (2) ₹ 450, ₹ 550
(3) ₹ 500, ₹ 500 (4) ₹ 550, ₹ 450

(SSC Section Officer (Commercial Audit) Exam, 16.11.2003)

SIMPLE INTEREST

3. An old article is available for ₹ 12,000 at cash payment or is available for ₹ 7,000 cash payment and a monthly instalment of ₹ 630 for 8 months. The rate per cent per annum is

(1) 2.1 per cent (2) 3 per cent
(3) 3.25 per cent (4) 3.3 per cent

(SSC Section Officer (Commercial Audit) Exam. 25.09.2005)

4. The effective annual rate of interest, corresponding to a nominal rate of 6% per annum payable half yearly, is :

(1) 6.06% (2) 6.07%
(3) 6.08% (4) 6.09%

(SSC CGL Prelim Exam. 13.11.2005 (First Sitting))

5. A person lends 40% of his sum of money at 15% per annum, 50% of rest at 10% per annum and the rest at 18% per annum rate of interest. What would be the annual rate of interest, if the interest is calculated on the whole sum ?

(1) 13.4% (2) 14.33%
(3) 14.4% (4) 13.33%

(SSC CGL Prelim Exam. 04.02.2007 (Second Sitting))

6. Ramesh deposited ₹ 15600 in a fixed deposit at the rate of 10% per annum simple interest. After every second year, he adds his interest earnings to the principal. The interest at the end of fourth year is

(1) ₹ 1716 (2) ₹ 1560
(3) ₹ 3432 (4) ₹ 1872

(SSC CGL Prelim Exam. 04.02.2007 (Second Sitting))

7. A part of ₹ 1500 was lent at 10% per annum and the rest at 7% per annum simple interest. The total interest earned in three years was ₹ 396. The sum lent at 10% was

(1) ₹ 900 (2) ₹ 800
(3) ₹ 700 (4) ₹ 600

(SSC CGL Prelim Exam. 04.02.2007 (Second Sitting))

8. What equal instalment of annual payment will discharge a debt which is due as ₹ 848 at the end of 4 years at 4% per annum simple interest ?

(1) ₹ 212 (2) ₹ 200
(3) ₹ 250 (4) ₹ 225

(SSC CPO S.I. Exam. 16.12.2007)

9. Out of ₹ 50,000, that a man has,

he lends ₹ 8000 at $5\frac{1}{2}\%$ per annum simple interest and Rs. 24,000 at 6% per annum simple interest. He lends the remaining money at a certain rate of interest so that he gets total annual interest of ₹ 3680. The rate of interest per annum, at which the remaining money is lent, is

(1) 5% (2) 7%
(3) 10% (4) 12%

(SSC CGL Prelim Exam. 27.07.2008 (First Sitting))

10. A man invests half his capital at the rate of 10% per annum, one-third at 9% and the rest at 12% per annum. The average rate of interest per annum, which he gets, is

(1) 9% (2) 10%
(3) 10.5% (4) 12%

(SSC CISF ASI Exam. 29.08.2010 (Paper-1))

11. John invested a sum of money at an annual simple interest rate of 10%. At the end of four years the amount invested plus interest earned was ₹ 770. The amount invested was

(1) ₹ 650 (2) ₹ 350
(3) ₹ 550 (4) ₹ 500

(SSC CISF Constable (GD) Exam. 05.06.2011)

12. Arun lends ₹ 20,000 to two of his friends. He gives ₹ 12,000 to the first at 8% p.a. simple interest. Arun wants to make a profit of 10% on the whole. The simple interest rate at which he should lend the remaining sum of money to the second friend is

(1) 8% (2) 16%
(3) 12% (4) 13%

(SSC Graduate Level Tier-II Exam. 16.09.2012)

13. A person invests ₹ 12,000 as fixed deposit at a bank at the rate of 10% per annum simple interest. But due to some pressing needs he has to withdraw the entire money after 3 years, for which the bank allowed him a lower rate of interest. If he gets ₹ 3,320 less than what he would have got at the end of 5 years, the rate of interest allowed by the bank is

(1) $7\frac{5}{9}\%$ (2) $7\frac{4}{9}\%$

(3) $7\frac{8}{9}\%$ (4) $8\frac{7}{9}\%$

(SSC CHSL DEO & LDC Exam. 21.10.2012 (1st Sitting))

14. A certain scheme of investment in simple interest declares that it trebles the investment in 8 years. If you want to quadruple your money through that scheme, you have to invest it for :

(1) 11 years 6 months
(2) 10 years 8 months

(3) 10 years (4) 12 years

(SSC CHSL DEO & LDC Exam. 21.10.2012 (IInd Sitting))

15. If a man receives on one-fourth of his capital 3% interest, on two third 5% and on the remainder 11%, the percentage he receives on the whole is

(1) 4.5% (2) 5%
(3) 5.5% (4) 5.2%

(SSC CHSL DEO & LDC Exam. 04.11.2012 (IInd Sitting))

16. At the same rate of simple interest sum of the interest of ₹ 300 for 4 years and the interest of ₹ 400 for 3 years is ₹ 120. The rate of interest is

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

(SSC Multi-Tasking Staff Exam. 10.03.2013, 1st Sitting : Patna)

17. 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 ₹ 8,160, the money borrowed by him (in ₹) was

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

(SSC FCI Assistant Grade-III Main Exam. 07.04.2013)

18. Two equal sums were lent out at 7% and 5% S.I. respectively. The interest earned on the two loans add up to ₹ 960 for 4 years. The total sum lent out in

(1) ₹ 3500 (2) ₹ 2500
(3) ₹ 2000 (4) ₹ 3000

(SSC Constable (GD) Exam. 12.05.2013)

SIMPLE INTEREST

- 19.** Mohan lends Rs. 500 to John and a certain sum to Tom at the same time at a simple interest of 8% per annum. If in 4 years, he altogether receives Rs. 210 as interest from the two, then the sum of money he lent to Tom was

(1) Rs. 144.75 (2) Rs. 148
(3) Rs. 156.25 (4) Rs. 165.50

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, 1st Sitting
TF No. 333 LO 2)

- 20.** What should be the least number of years in which the simple

interest on Rs. 2600 at $6\frac{2}{3}\%$ will

be an exact number of rupees ?

(1) 3 (2) 2
(3) 5 (4) 4

(SSC Constable (GD)

Exam. 04.10.2015, IInd Sitting)

- 21.** Ram bought a bike for Rs. 60,000. He paid Rs. 10000 cash down and the rest at the end of 2 years at 15% simple interest. How much more did he pay as simple interest ?

(1) Rs. 15,000 (2) Rs. 25,000
(3) Rs. 35,000 (4) Rs. 50,000

(SSC Constable (GD)

Exam. 04.10.2015, IInd Sitting)

- 22.** A sum of Rs. 7,930 is divided into three parts and given on loan at 5% simple interest to A, B and C for 2, 3 and 4 years respectively. If the amounts of all three are equal after their respective periods of loan, then A received a loan of

(1) Rs. 3,050 (2) Rs. 2,760
(3) Rs. 2,750 (4) Rs. 2,800

(SSC CGL Tier-II Exam,

25.10.2015, TF No. 1099685)

- 23.** A man buys a TV priced at Rs. 16000. He pays Rs. 4000 at once and the rest after 15 months on which he is charged a simple interest at the rate of 12% per year. The total amount he pays for the TV is

(1) Rs. 18,200 (2) Rs. 17,800
(3) Rs. 16,800 (4) Rs. 17,200

(SSC CHSL (10+2) LDC, DEO & PA/SA
Exam. 01.11.2015, IInd Sitting)

- 24.** If Rahim deposited the same amount of Rs. x in a bank at the beginning of successive 3 years and the bank pays simple interest of 5% per annum, then the amount at his credit at the end of 3rd year will be :

(1) Rs. $\frac{861x}{400}$ (2) Rs. $\frac{1261x}{400}$

(3) Rs. $\frac{21x}{20}$ (4) Rs. $\frac{26481x}{8000}$

(SSC CHSL (10+2) LDC, DEO & PA/SA Exam. 15.11.2015
(IInd Sitting) TF No. 7203752)

- 25.** A boy aged 12 years is left with Rs. 100,000 which is under a trust. The trustees invest the money at 6% per annum and pay the minor boy a sum of Rs. 2500, for his pocket money at the end of each year. The expenses of trust come out to be Rs. 500 per annum. Find the amount that will be handed over to the minor boy after he attains the age of 18 years.

(1) Rs. 120000 (2) Rs. 150000
(3) Rs. 118000 (4) Rs. 125000

(SSC CHSL (10+2) LDC, DEO & PA/SA Exam. 06.12.2015
(1st Sitting) TF No. 1375232)

- 26.** If A borrowed Rs. P at $x\%$ and B borrowed Rs. Q ($> P$) at $y\%$ per annum at simple interest at the same time, then the amount of their debts will be equal after

(1) $100 \left(\frac{Q - P}{Px - Qy} \right)$ years

(2) $100 \left(\frac{Px - Qy}{Q - P} \right)$ years

(3) $100 \left(\frac{Px - Qy}{P - Q} \right)$ years

(4) $100 \left(\frac{P - Q}{Px - Qy} \right)$ years

(SSC CGL Tier-II Online

Exam.01.12.2016))

- 27.** A money lender claims to lend money at the rate of 10% per annum simple interest. However, he takes the interest in advance when he lends a sum for one year. At what interest rate does he lend the money actually?

(1) 10% (2) $10\frac{1}{9}\%$

(3) 11% (4) $11\frac{1}{9}\%$

(SSC CPO SI, ASI Online
Exam.05.06.2016) (IInd Sitting)

- 28.** Ramesh borrowed a sum at 5 per annum simple interest from Rahul. He returns the amount after 5 years. Rahul returns 2 % of the total amount received. How much did Ramesh borrowed if he received Rs. 5?

(1) Rs. 250 (2) Rs. 200
(3) Rs. 150 (4) Rs. 175

(SSC CPO SI, ASI Online

Exam.05.06.2016) (IInd Sitting)

- 29.** A man buys a watch for Rs. 1950 in cash and sells it for Rs. 2200 at a credit of 1 year. If the rate of interest be 10% per annum, then how much profit or loss will he have?

(1) Rs. 55 gain (2) Rs. 30 profit
(3) Rs. 30 loss (4) Rs. 30 profit

(SSC CGL Tier-I (CBE)

Exam. 27.08.2016) (IInd Sitting)

- 30.** A money lender lends Rs. 400 for 3 years to a person and lends Rs. 500 for 4 years to the other person at the same rate of simple interest. If altogether he receives Rs. 160 as interest, what is the rate of interest per annum ?

(1) 5% (2) 7%
(3) 9% (4) 10%

(SSC CGL Tier-I (CBE)

Exam. 08.09.2016 (IIInd Sitting)

SHORT ANSWERS

TYPE-I

1. (2)	2. (3)	3. (4)	4. (1)
5. (4)	6. (1)	7. (3)	8. (3)
9. (4)	10. (4)	11. (3)	12. (4)
13. (3)	14. (2)	15. (4)	16. (3)
17. (1)	18. (1)	19. (1)	20. (3)
21. (3)	22. (4)	23. (4)	24. (3)
25. (1)	26. (1)	27. (2)	28. (4)
29. (1)	30. (3)	31. (2)	32. (2)
33. (3)	34. (4)	35. (3)	36. (1)
37. (2)	38. (1)	39. (4)	40. (3)
41. (1)	42. (1)	43. (2)	44. (2)
45. (2)	46. (1)	47. (3)	48. (3)
49. (2)	50. (3)	51. (2)	52. (3)
53. (1)			