Ex4 A sum of Rs.800 amounts to Rs.920 in 3 years at simple interest. If the interest rate is increased by 3%, it would amount to how much?

A	192	b	692	c	**992**	d	1192

Ex7 At what rate percent per annum simple interest, a sum of money will double in 16 years?

A	6%	b	**6.25%**	c	6.5%	d	6.75%

Ex12 A sum of Rs.1550 is lent out into two parts at simple interest, one at 8% and another at 6%. If the total annual income is Rs.106, find the money lent out at 6%.

A	Rs.600	b	Rs.650	c	**Rs.900**	d	Rs.950

1 At the rate of 8.5% per annum simple interest, a sum of Rs.4800 will earn how much interest in 2 years and 3 month?

A	Rs.796	b	Rs.816	c	**Rs.918**	d	Rs.956

5 How much time will it take for an amount of Rs.450 to yield Rs.81 as interest at 4.5% per annum of simple interest?

A	3.5 yr	b	**4 yr**	c	4.5 yr	d	5 yr

6 A sum of Rs.12500 amounts to Rs.15500 in 4 years at the rate of simple interest. What is rate of interest?

A	3%	b	4%	c	5%	d	**6%**

7 A sum of Rs.1600 gives a simple interest of Rs.252 in 2 years and 4 months. The rate of interest per annum is:

A	6%	b	6.25%	c	6.5%	d	**6.75%**

8 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

9 A man took a loan from a bank at the rate of 12% pa simple interest. After 3 years, he had to pay Rs.5400 interest only for the period. The principal amount borrowed by him was:

A	Rs.2000	b	Rs.10000	c	**Rs.15000**	d	Rs.20000

10 What is the present worth of Rs.132 due in 2 years at 5% simple interest per annum?

A	Rs.112	b	Rs.118.80	c	**Rs.120**	d	Rs.122

12 The simple interest of X% for X years will be Rs.X on a sum of :

A Rs. X b **Rs. (100/X)** c Rs. 100X d Rs. (100/3X)

14 A certain amount earns simple interest of Rs.1750 after 7 years. Had the interest been 2% more, how much more interest would it have earned?

A Rs.35 b Rs.245 c Rs.350 d **Cannot be determined**

15 In how many years, Rs.150 will produce the same interest at 8% as Rs.800 produce in 3 years at 4.5%with simple interest?

A 6 b 8 c **9** d 12

16 If Rs.64 amounts to Rs.83.20 in 2 years with simple interest, what will Rs.86 amount to in 4 years at the same rate of interest per annum?

A Rs.114.80 b Rs.124.70 c Rs.127.40 d **Rs.137.60**

21 Nitin borrowed some money at the rate of 6% per annum simple interest for the first 3 years, 9% per annum for the next 5 years and 13% per annum for the period beyond 8 years. If the total interest paid by him at the end of eleven years is Rs.8160, how much money did he borrow?

A **Rs.8000** b Rs.10000 c Rs.12000 d Data Inadequate

23 Find the simple interest on Rs.10 for 4 months at the rate of 3 paisa per rupee per month.

A **Rs.1.20** b Rs.1.60 c Rs.2.40 d Rs.3.60

25 A sum of money at simple interest amounts to Rs.815 in 3 years and Rs.854 in 4 years. The sum of money is:

A Rs.650 b Rs.690 c **Rs.698** d Rs.700

29 In how many years, a sum of money will double itself at 12% per annum simple interest?

A 6 years 9 months b 7 years 6 months c 8 years 3 months d **8 years 4 months**

31 The rate at which a sum becomes four times of itself in 15 years at simple interest will be :

A 15% b 17.5**%** c **20%** d 25%

32 If a sum of money at simple interest doubles in 6 years, it will become 4 times in:

A 12 yrs b 14 yrs c 16yrs d **18yrs**

Simple interest on a certain sum of money for 3 years at 8% per annum is half the compound interest on Rs. 4000 for 2 years at 10% per annum. The sum placed on simple interest is:

(a) Rs.1550 (b) Rs.1650 (c) **Rs.1750** (d) Rs.2000

The difference between simple interest and compound on Rs. 1200 for one year at 10% per annum reckoned half-yearly is:

(a) Rs. 2.5 (b) **Rs. 3** (c) Rs. 3.75 (d) Rs. 4

The compound interest on a certain sum for 2 years at 10% per annum is Rs. 525. The simple interest on the same sum for double the time at half the rate percent per annum is:

(a) Rs. 400 (b) **Rs. 500** (c) Rs. 600 (d) Rs. 800

Ex1 Find compound interest on Rs.7500 at 4% per annum for 2 years, compounding annually.

A Rs.502 b Rs.512 c Rs.602 d **Rs.612**

Ex3 Find the compound interest on Rs10000 in 2 yrs at 4% per annum, the interest being compounded half yearly.

(a) Rs824.16 (b) Rs824.22 (c) **Rs824.32** (d) Rs824.34

Ex4 Find the compound interest on Rs.16000 at 20% per annum for 9 months, compounding quarterly.

A Rs.2512 b **Rs.2522** c Rs.18512 d Rs.18522

Ex6 In what time, Rs.1000 will become Rs.1331 at 10% per annum compounding annually?

A 2 years b **3 years** c 4 years d 5 years

1 Albert invested an amount of Rs.8000 in a fixed deposit scheme for 2 years at compound interest rate of 5% per annum. How much amount he will get on maturity of the fixed deposit?

A Rs.8600 b Rs.8620 c Rs.8840 d **None of these**

5 Sam invested Rs.15000 at 10% per annum for one year. If the interest is compounding half-yearly, then the amount received by Sam at the end of year will be:

A Rs.16500 b Rs.16525.50 c **Rs.16537.50** d Rs.18150

7 What is the difference between the compound interest on Rs.5000 for 1 ½ years at 4% per annum compounding yearly and half-yearly?

A **Rs.2.04** b Rs.3.06 c Rs.4.80 d Rs.8.30

8 Find the compound interest on Rs.15625 for 9 months at 16% per annum compounding quarterly.

A Rs.1851 b Rs.1941 c **Rs.1951** d Rs.1961

10 What will be the difference between simple interest and compound interest at 10% per annum on a sum of Rs.1000 after 4 years?

A Rs.31 b Rs.32.10 c Rs.40.40 d **Rs.64.10**

20 There is 60% increase in an amount in 6 years at simple interest. What will be the compound interest of Rs.12000 after 3 years at the same rate?

A	Rs.2160	b	Rs.3120	c	**Rs.3972**	d	Rs.6240

22 The difference between simple and compound interests compounding annually on a certain sum of money for 2 years at 4% per annum is Rs.1. The sum is:

A	**Rs.625**	b	Rs.630	c	Rs.640	d	Rs.650

35 A sum of money placed at compound interest doubles itself in 5 years. It will amount to eight times of itself at same rate of interest in:

(a)	7 years	(b)	10 years	(c)	**15 years**	(d)	20 years

36 If a sum on compound interest become three times in 4 years, then with the same rate of interest, the sum will become 27 times in:

(a)	8 years	(b)	**12 years**	(c)	24 years	(d)	36 years