

## **Spardhaguru India Private Limited** Simple Interest Practice Paper 1

### 10 Years of Excellence



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

- a) 5%
- c) 10%
- d)  $7\frac{1}{9}\%$

2) Rs.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 Rs.480, the latter sum of money is:

- a) Rs.750
- b) Rs.450
- c) Rs.550
- d) Rs.600

3) A certain sum of money amounts to Rs.756 in 2 years

and to Rs.873 in 3 - years at a certain rate of simple interest. The rate of interest per annum is

- a) 11%
- b) 10%
- c) 13%
- d) 12%

4) A man had Rs.16, 000, part of which he lent at 4% and the rest at 5% per annum simple interest. If the total interest received was Rs.700 in one year, the money lent at 4% per annum was

- a) Rs.8, 000
- b) Rs.12, 000
- c) Rs.6, 000
- d) Rs.10, 000

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

- a) 8%
- b)  $5\frac{1}{2}\%$
- c) 6%

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

- a) Rs.10, 000
- b) Rs.2, 000
- c) Rs.15, 000
- d) Rs.20, 000

7) In what time will Rs.72 become Rs.81 at  $6\frac{1}{4}$ 

% per annum simple interest?

- a) 3 years
- b) 2 years
- c) None of these
- d) 2 years 6 months

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

- a) Rs.36500
- b) Rs.3650
- c) Rs.7300
- d) Rs.730

9) 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 800 become in 3 years?

- a) Rs.1025
- b) Rs.1020.80
- c) Rs.1050
- d) Rs.1052

10) 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 Rs.61.50. His capital is

- a) Rs.23800
- b) Rs.22400
- c) Rs.26000
- d) Rs.24600

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

- a) Rs.7500
- b) Rs.5000
- c) Rs.15000
- d) Rs.10000

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

- a) 4%
- b) 3%
- c) 6%
- d) 5%

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13) 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:

- a) Rs.600
- b) Rs.500
- c) Rs.710
- d) Rs.700

14) A man lent Rs.60, 000, partly at 5% and the rest at 4% simple interest. If the total annual interest is Rs.2560, the money lent at 4% was

- a) Rs.44000
- b) Rs.40000
- c) Rs.45000
- d) Rs.30000

15) A sum of money at simple interest amounts to Rs.1,012 in  $2\frac{1}{2}$  years and to Rs.1,067.20 in 4 years. The rate of interest per annum is:

- a) 3%
- b) 2.5%
- c) 5%

16) A person borrows Rs.5, 000 for 2 years at 4% per annum simple interest. He immediately lends it to another person at 6 - % per annum simple interest for

2 years. His gain in the transaction is

- a) Rs.450
- b) Rs.112.50 rd haguru
- c) Rs.150

17) In how many years will a sum of Rs.3, 000 yield a simple interest of Rs.1, 080 at 12% per annum?

- a)  $2\frac{1}{2}$  years
- c)  $3\frac{1}{2}$  years

18) A sum of money amounts to Rs.850 in 3 years and to Rs.925 in 4 years at some rate of simple interest. The sum is:

- a) Rs.600
- b) Rs.550
- c) Rs.700
- d) Rs.625

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

- b) 4%
- d) 3%

20) A lends Rs.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 Rs.1120 as interest from B and C, the sum lent to C is

- a) Rs.6500
- b) Rs.700
- c) Rs.1500
- d) Rs.4000

21) What sum will amount to Rs.7000 in 5 years at 3  $\frac{1}{2}$ 

- % simple interest?
- a) Rs.6500
- b) Rs.6300
- c) Rs.5000
- d) Rs.6000

22) 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

- a) 312.50
- b) 312
- c) 3120.50
- d) 3120

23) A person deposited Rs.400 for 2 years, Rs.550 for 4 years and Rs.1, 200 for 6 years. He received the total simple interest of Rs.1, 020. The rate of interest pe annum is

- a) 5%
- b) 10%
- c) 20%
- d) 15%

24) Manoj deposited Rs.29400 for 6 years at a simple interest. He got Rs.4200 as interest after 6 years. The annual rate of interest was

- a)  $2\frac{7}{20}\%$

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

a) Rs.120

b) Rs.400

c) Rs.220

d) Rs.510

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

a) Rs.103

b) Rs.123

c) Rs.223

d) Rs.200

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

a) Rs.1835

b) Rs.1500

c) Rs.1950

d) Rs.1935

28) Rs.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 Rs.2, 000 after

a) 18 years

b) 15 years

c)  $16\frac{2}{3}$  years

d) 20 years

29) A sum of money lent at simple interest amounts to u India Private Limited Rs.880 in 2 years and to Rs.920 in 3 years. The sum of money (in rupees) is

a) 760

b) 700

c) 800

d) 784

30) At some rate of simple interest, A lent Rs.6, 000 to B for 2 years and Rs.1, 500 to C for 4 years and received Rs.900 as interest from both of them together. The rate of interest per annum was

a) 6%

b) 5%

c) 10%

d) 8%

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