APTITUDE QUIZ

1. A property fetches a net annual income of ₹1000 deducting all outgoings. The capitalized value of the property for the rate of interest 6% will be (in ₹) –

(A) ₹16667.00

(B) ₹15003.00

(C) ₹18000.00

(D) None of the above

ANSWER: A

2. 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.
(A) 3%
(B) 3.5%
(C) 4%
(D) 5%
ANSWER: D

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

(A) ₹ 216

(B) ₹ 360

(C) ₹ 720

(D) ₹ 960

ANSWER: C

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

(A) 5000

(B) 7500

(C) 10000

(D) 15000

ANSWER: B

5. At what rate of simple interest will a sum of money double in 8 years?

(A) 16%

(B) 14%

(C) 12.5%

(D) 8%

ANSWER: C

6. Rinky borrowed a certain sum of money from Kajal under the following repayment scheme based on simple interest. 8% p.a. for the initial 2 years, 9.5% p.a. for the next 4 years, 11% p.a. for the next 2

years, 12% p.a. after the first 8 years. Find the amount which a sum of Rs. 9000 taken for 12 years becomes at the end of 12 years?

(A) Rs. 23470

(B) Rs. 24567

(C) Rs. 20160

(D) Rs. 22350

ANSWER: C

7. If a sum of Rs. 12500 is invested for 1 year at 12% per annum interest being compounded semi-annually, then interest earned is

(A) 1545

(B) 1550

(C) 1505

(D) 1505

ANSWER: A

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

(A) 5%

(B) 6%

(C) 4%

(D) 8%

ANSWER: B

9. A person borrows some money for 5 years and the ratio of the loan amount: total interest amount is

5 : 2. Then find the ratio of the loan amount: interest rate is equal to

(A) 5 : 2

(B) 25 : 2

(C) 2 : 25

(D) 2 : 1

ANSWER: B

10. The simple interest on a sum of money is of the sum. If the number of years is numerically half the rate percent per annum, then the rate percent per annum is

(A) 6%

(B) 8%

(C) 5%

(D) 4%

ANSWER: B