

APTITUDE QUIZ

1. On a certain sum, the simple interest at the end of $5\frac{1}{3}$ years becomes $\frac{4}{9}$ of the sum. What is the rate percent ?

A.5.5%

B.9.1%

C.7.6%

D.8.3%

E.10%

2. P is going to pay Rs.700 to Q, 7 months later at 6% annual simple interest, Q is going to pay Rs.550 to P, 12 months later at 8% annual simple interest, if they decide to settle the debts, who will pay what amount to whom ?

A.A, Rs.149

B.B, Rs.167

C.A, Rs.155

D.B, Rs.197

E. None of these

3. A father left a will of Rs.5 lakhs between his two daughters aged 10 and 15 such that they may get equal amounts when each of them reach the age of 21 years. The original amount of Rs.5 lakhs has been instructed to be invested at 10% p.a. simple interest. How much did the elder daughter get at the time of the will?

A.Rs.2,04,797

B.Rs.3,05,890

C.Rs.1,90,00

D.Rs.4,00,700

E.Rs.2,46,870

4. Two equal some of money were invested at an annual rate of 10%, One sum at simple interest and other at compound interest, If the difference between the interest after 2 years was Rs.100, What were the sum invested ?

A.25,000

B.100000

C.20,000

D.10,000

E.50,000

5. A man invests Rs.8000 for 5 years at 5% p.a. Simple Interest interest reckoned yearly. Income tax at the rate of 20% on the interest earned is deducted at the end of each year. Find the amount at the end of the fifth year.

A.Rs.10,500

B.Rs.10,500

C.Rs.9,600

D.Rs.10,000

E. None of these

6. Ajay bought Rs.11,000 from a bank to buy a car at 12% simple Interest. If he paid \$ 6,600 as interest while clearing the loan, find the time for which the loan was given.

- A.7
- B.3
- C.4
- D.5
- E.6

7. Tarun invested an amount of Rs. 10000 at the simple interest rate of 8% per annum and another amount at the simple interest rate of 20% per annum. The total interest earned at the end of one year on the total amount invested became 12% per annum. Find the total amount invested.

- A.Rs.12,000
- B.Rs.15000
- C.Rs.5,000
- D.Rs.10,000
- E.None of these

8. If simple interest on a certain sum of money for 6 years at 5% per annum is same as the simple interest on Rs. 650 for 9 years at the rate of 12% per annum then the sum of money is

- A.Rs.2340
- B.Rs.3240
- C.Rs.2400

D.Rs.3500

E.None of these

9. Kailash borrowed some money at the rate of 5% p.a. for the first three years, 8% p.a. for the next five years and 11% p.a. for the period beyond eight years. If the total interest paid by him at the end of eleven years is Rs. 8800, how much money did he borrow?

A.Rs.7500

B.Rs.8000

C.Rs.9600

D.Rs.10,000

E.Rs.7,000

10. If the annual rate of simple interest increases from 8% to 13%, a man's yearly income increases by Rs. 4800. His principal (in Rs.) is:

A.Rs.90,000

B.Rs.96,000

C.Rs.88,000

D.Rs.1,00,000

E. None of these

11. Out of Rs. 60,000 that Rahul has, he lends Rs. 10,000 at 11/2 % per annum simple interest and Rs. 32,000 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 Rs. 4000. The rate of interest per annum, at which the remaining money is lent, is?

- A.5%
- B.7.5%
- C.8%
- D.8.5%
- E.10%

12. Vivek invests Rs 15000 as fixed deposit at a bank at the rate of 10% per annum SI. But due to some pressing needs he has to withdraw the entire money after 5 years, for which the bank allowed him a lower rate of interest. If he gets Rs 8250 less than what he would have got at the end of 10 years, the rate of interest allowed by the bank is

- A.8%
- B.8.5%
- C.9%
- D.9.5%
- E.10%

13. A father left a will of Rs.55 lakhs between his two sons aged 8.5 and 16 such that they may get equal amounts when each of them reach the age of 21 years. The original amount of Rs.55 lakhs has been instructed to be invested at 10% p.a. SI. How much did the elder son get at the time of the will?

- A.25 lakh
- B.26 lakh
- C.28 lakh
- D.33 lakh
- E.36 lakh

14. Manish borrows 8000 at simple interest from a money lender. At the end of 3 years, he again borrows 7000 and closes his account after paying 8415 as interest after 8 years from the time he made the first borrowing. Find the rate of interest.

- A.6%
- B.6.5%
- C.8%
- D.8.5%
- E.9%

15. A portion of Rs.8500 is invested at a8% per annum, while the remainder is invested at a 3% per annum. If the annual income from the portion earning a 8% per annum is thrice that of the other portion, what is the total income from the two investments after one year?

- A.Rs.350

- B.Rs.370
- C.Rs.450
- D.Rs.480
- E.Rs.520

16. Raghu lends Rs 50,000 of two of his friends. He gives Rs 30,000 to the first at 6% p.a. simple interest. He 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

- A.8%
- B.16%
- C.11%
- D.17%
- E.19%

17. The rate of Simple Interest in SBI & BOB are in the ratio of 5:7. Gokul wants to deposit his total savings in two banks in such a way that he receive equal half-yearly interest from both banks. He should deposit in both banks SBI & BOB in the ratio of

- A.4:5
- B.7:5
- C.9:5
- D.8:5
- E.5:9

18. Vinay borrowed some money for one year at 8% per annum simple interest and after 18 months , he again borrowed the same money at a Simple Interest of 32% per annum. In both the cases, he paid Rs.5452. Which of the following could be the amount that was borrowed by Hari in each case if interest is paid half yearly?

- A.3900
- B.4200
- C.4500
- D.4700
- E.None of the Above

19. Ravi borrows a sum of Rs.2000 at the beginning of a year. After four months Rs.2600 more is borrowed at a rate of interest double the previous one. At the end of one year, the sum of interest on both the loans is Rs.494. What is the first rate of interest per annum?

- A.8.5%
- B.9%
- C.9.5%
- D.12%
- E.None of the Above

20. Kumar fixes the rate of interest 5% per annum for first 3 years and for the next 4 years 6 percent per annum and for the period beyond 7 years, 7.5 percent per annum. If Mr. Kumar lent out Rs.1800 for 11 years, find the total interest earned by him?

- A.Rs.1422

B.Rs.1242

C.Rs.1244

D.Rs.1342

E. None of the Above

ANSWERS

1. D

2. B

3. A

4. D

5. C

6. D

7. B

8. A

9. D

10. B

11. D

12. C

13. D

14. D

15. D

16. B

17. B

18. D

19. C

20. B