

APTITUDE QUIZ

Q1. CI on a certain sum for 2 years is Rs. 40.80 and SI is Rs. 40 for same years. What will be the rate of interest?

- (a) 2%
- (b) 5%
- (c) 4%
- (d) 8%
- (e) 12%

Q2. A tree's height increases annually by $\frac{1}{8}$ th of its height. By how much will its height increase after 2.5 years, if it stands today at 10 m height?

- (a) 3 m
- (b) 3.44 m
- (c) 3.6 m
- (d) 3.88 m
- (e) 4 m

Q3. Siddhartha has deposited certain amount in the bank to earn compound interest at 10% per annum. The difference between the interest of third year and second year on the amount is Rs. 110. What amount has Siddhartha deposited?

- (a) Rs. 8500
- (b) Rs. 10,000
- (c) Rs. 9500
- (d) Rs. 11,000

(e) Rs.12000

Q4. Simple interest on a certain sum at the rate of 12% per annum for 3 years is Rs. 3024. What is the compound interest at the same sum at the rate of 20% for two years?

(a) Rs. 3850

(b) Rs 3696

(c) Rs 3966

(d) Rs 3669

(e) None of these

Q5. A bike dealer gives a discount of 20% on marked price of bikes. Ajit purchases a bike in Rs. 50,500. What is the marked price of bike?

(a) Rs. 60,500

(b) Rs. 64,225

(c) Rs 63,125

(d) Rs 65,500

(e) None of these

Q6. Pragma gives a certain sum to Anamika on simple interest in such a way that her money will be double in 8 years. But after 5 years Anamika returned the money and paid Rs. 2000 as interest. Find the principle amount.

(a) Rs. 4000

(b) Rs. 3200

(c) Rs. 3600

(d) Rs. 6000

(e) Rs. 5600

Q7. Arun took a loan of Rs. 16000 with simple interest for as many years as the rate of interest. If he paid Rs. 7840 as interest at the end of the loan period, what was the rate of interest.

- (a) 8% p.a.
- (b) 12% p.a.
- (c) 5% p.a.
- (d) 7% p.a.
- (e) 9% p.a.

Q8. A book was sold at Rs. 165 at a profit of 10%. If it were bought at Rs. 30 less and sold at Rs. 15 more, then find the new profit percentage.

- (a) 50%
- (b) 40%
- (c) 60%
- (d) 54%
- (e) 46%

Q9. Madhu invested Rs. 15000 in two schemes A & B. Scheme A gives 8% SI P.A. and scheme B gives 13% SI. P.A. If Madhu received Rs. 3000 as total interest from both schemes after two years. Then find the amount invested in scheme B.

- (a) Rs. 7000
- (b) Rs. 9000
- (c) Rs. 6000
- (d) Rs. 5000

(e) Rs. 8000

Q10. The ratio of CI and SI for two years is 3 : 2 while sum invested is Rs. 5000. What will be the difference between the CI and SI earned after three years?

(a)Rs. 15,000

(b) Rs. 20,000

(c)Rs. 10,000

(d)Rs. 25,000

(e)None of these

Directions (11-15): Find the value of (?) in the given number series.

Q11. 2, 4, 12, 48, 240, ?

(a) 960

(b) 1440

(c) 1080

(d) 1920

(e) 1640

Q12. 7, 26, 63, 124, 215, 342, ?

(a) 481

(b) 511

(c) 391

(d) 421

(e) 728

Q13. 8, 24, 12, 36, 18, 54, ?

- (a) 27
- (b) 108
- (c) 68
- (d) 72
- (e) 162

Q14. 15, 31, 63, 127, 255, ?

- (a) 513
- (b) 511
- (c) 517
- (d) 523
- (e) 515

Q15. 11, 13, 17, 19, 23, 29, 31, 37, 41, ?

- (a) 42
- (b) 47
- (c) 53
- (d) 51
- (e) 43

ANSWERS

1. C

2. B

3. B

4. B

5. C

6. B

7. D

8. A

9. C

10. B

11. B

12. B

13. A

14. B

15. E