

APTITUDE QUIZ

Directions (1-5): Study the following table carefully to answer the following questions.

Number of students studying in five different disciplines from five colleges

Discipline Colleges	Economics	Hindi	Mathematics	English	Science
P	350	260	450	140	300
Q	240	320	400	180	320
R	460	300	360	160	380
S	440	480	420	120	340
T	280	360	340	200	330

Q1. What is the average number of students studying Hindi from all the colleges together?

- (a) 356
- (b) 360
- (c) 348
- (d) 344
- (e) 422

Q2. Total number of students studying Economics from colleges P and Q together is approximately what percent of the total number of students studying Science from these two colleges together?

- (a) 84
- (b) 85
- (c) 88
- (d) 90
- (e) 95

Q3. Number of students studying Hindi from college S is what percent of the total number of students studying all the disciplines together from the same college?

- (a) 85/3%
- (b) 80/3%
- (c) 74/3%
- (d) 73/3%
- (e) None of these

Q4. What is the ratio of total number of students studying Mathematics from colleges R and S together to that of total number of students studying Science from these two colleges together ?

- (a) 13 : 12
- (b) 12 : 13
- (c) 13 : 15
- (d) 15 : 13
- (e) 11: 13

Q5. What is the average number of students studying all disciplines together from college T ?

- (a) 312
- (b) 310
- (c) 302
- (d) 304
- (e) 320

Q6. Shamita took a loan at simple interest rate of 6 pcpa in the first year and it increased by 1.5 pcpa every year. If she pays Rs. 8,190 as interest at the end of 3 years, what was her loan amount?

- (a) Rs. 36000
- (b) Rs. 36400
- (c) Rs. 36800
- (d) Cannot be determined
- (e) None of these

Q7. Twelve percent of Krishna's monthly salary is equal to sixteen percent of Nitin's monthly salary. Shikhar's monthly salary is half that of Nitin's monthly salary. If Shikhar's annual salary is Rs 1.08 lacs, what is Krishna's monthly salary?

- (a) Rs 20,000
- (b) Rs 18,000
- (c) Rs 26,000
- (d) Rs 24, 000
- (e) Rs 26,800

Q8. A gave 40% of his monthly salary to B. B spent 20% of this amount on taxi fare. He spent the remaining amount in the respective ratio of 3 : 5 on tuition fees and library membership. If he spent Rs 1720 for membership, what is A's monthly salary?

- (a) Rs 8500
- (b) Rs 8600
- (c) Rs 7600
- (d) Rs 7500
- (e) Rs 6500

Q9. A, B and C started a business by investing Rs 20,000, Rs 28,000 and Rs 36,000 respectively. After 6 months, A and B withdrew an amount of Rs 8,000 each and C invested an additional amount of Rs 8,000. All of them invested for equal period of time. If at the end of the year, C got Rs 12,550 as his share of profit, what was the total profit earned?

- (a) Rs 25,100
- (b) Rs 26,600
- (c) Rs 24,300
- (d) Rs 22,960
- (e) Rs 21,440

Q10. Rajiv borrowed some money at the rate of 4 p.c.p.a for the first three years, at the rate of 8 p.c.p.a for the next two years and at the rate of 9 p.c.p.a for the period beyond 5 years. If he pays a total simple interest of Rs 19550 at the end of 7 years, how much money did he borrow?

- (a) Rs 39500
- (b) Rs 42500

- (c) Rs 41900
- (d) Rs 43000
- (e) None of these

Directions (11-15): Which of the following does not fit in the series?

Q11. 824, 408, 396, 96, 44, 18, 5

- (a) 408
- (b) 44
- (c) 396
- (d) 18
- (e) 5

Q12. 5, 7, 13, 25, 45, 87, 117

- (a) 87
- (b) 117
- (c) 45
- (d) 13
- (e) 25

Q13. 1, 7, 30, 79, 241, 727, 2185

- (a) 2185
- (b) 30
- (c) 241
- (d) 79
- (e) 727

Q14. 2, 3, 10, 15, 25, 35, 50, 63

- (a) 25
- (b) 35
- (c) 63
- (d) 10
- (e) 15

Q15. 2, 7, 28, 60, 126, 215, 344

- (a) 28
- (b) 215
- (c) 60
- (d) 344

(e) 126

ANSWERS

1. D

2. E

3. B

4. A

5. C

6. B

7. D

8. B

9. A

10. B

11. C

12. A

13. B

14. A

15. C