

APTITUDE QUIZ

Q :1 If $2A=3B=4C$, then $A:B:C$ will be-

- (A) 2:3:4
- (B) 4:3:2
- (C) 6:4:3
- (D) 3:4:6

Q : 2. If $A:B:C=2:3:4$, then the ratio will be

- (A) 8:9:16
- (B) 8:9:12
- (C) 8:9:24
- (D) 4:9:16

Q :3. Rs. 180 is stored in a box in the form of 1 Rupee coins, 50 paisa coins. Their ratio is 2:3:4. Find the no. of 50 paisa coins.

- (A) 60
- (B) 120
- (C) 150
- (D) 180

Q : 4. If $(-):(+) = 12:19$, then $a:b =$ _____

- (A) 2:3
- (B) 1:2
- (C) 3:2
- (D) 2:1

Q :5. 40% of the number is equal to three-fourth of another number. What is the ratio between first number and second number?

- (A) 15:16
- (B) 15:8
- (C) 9:15
- (D) 8:17

Q :6. The ratio of managers to management trainees is 3:5. When 21 new management trainees are recruited, the ratio will become 3:8. How many managers will there be in the group?

- (A) 27
- (B) 24
- (C) 21
- (D) Cannot be determined

Q :7. The total number of students in a school is 1224. If the number of girls in the school is 600, what is the respective ratio of the total number of boys to the total number of girls in the school?

- (A) 26:25
- (B) 21:17
- (C) 18:13
- (D) 5:4

Q :8. What same number must be added to each term of the ratio 7 : 3 so that the ratio becomes 2 : 3?

- (A) 1
- (B) 2
- (C) 5
- (D) can't be determined

Q :9. If $(4x-3y) : (2x+5y) = 12 : 19$ then $x : y$ is.....

- (A) 2:3
- (B) 1 : 2
- (C) 3 : 2
- (D) 2 : 1

Q : 10.If the positions of the digits of a two-digit number are interchanged, the number obtained is smaller than the original number by 27. If the digits of the number are in the ratio of 1 : 2, what is the original number?

- (A) 36
- (B) 63
- (C) 48
- (D) Cannot be determined

(E) None of these different.

Q : 11.If $0.8 : X :: 5 : 8$, then the value of X is

- (A) 1.28
- (B) 1.16
- (C) 1.32
- (D) 1.24

Q : 12.The monthly salaries of A, B and C are in the ratio $2 : 3 : 5$. If C's monthly salary is ₹ 12,000 more than that of A, then B's annual salary is

- (A) ₹ 1,20,000
- (B) ₹ 1,44,000
- (C) ₹ 1,80,000
- (D) ₹2,40,000

Q : 13.A sum of ₹ 1550 was lent partly at 5 % and partly at 8 % simple interest. The total interest received after 3 years is ₹300. The ratio of money lent at 5 % to that at 8 % is

- (A) 5 : 8
- (B) 8 : 5
- (C) 31 : 6
- (D) 16 : 15

Q : 14.The difference of cube between the two numbers is 999. If the numbers are in the ratio of 4: 3, then what is the square of the smaller number?

- (A) 49
- (B) 81
- (C) 64
- (D) 100

Q : 15.A and B have money in the ratio 2: 1. If A gives Rs. 2 to B, The money will be in the ratio 1: 1. What were the initial amounts they had?

- (A) ₹ 12 and ₹ 6
- (B) ₹ 16 and ₹ 8

- (C) ₹ 8 and ₹ 4
(D) ₹ 6 and ₹ 3

Q : 16. If $U+V=80$ and $U:V=5:3$ then find out the $U-V$.

- (A) 20
(B) 30
(C) 15
(D) 40

Q : 17. ₹ 180 contained in a box consists of one rupee, 50 paise and 25 paise coins in the ratio 2 : 3 : 4 . What is the number of 50 paise coins?

- (A) 60
(B) 120
(C) 150
(D) 180

Q : 18. An amount of Rs.56,742 is divided between X and Y in the ratio of 19 : 23. What is the difference between thrice the share of X and twice the share of Y?

- (A) Rs.10,241
(B) Rs.12,351
(C) Rs.14,861
(D) Rs.16,281
(E) None of these

Q : 19. A and B started a business with their investments in the ratio 7 : 11. After four months, C joined them with an investment which is Rs.4,000 more than A's investment and he is the working partner who earns a monthly salary of Rs.1,200. The share of 'C' in the total profit of Rs.65,600 is Rs.22,400. What is the share of A?

- (A) Rs.19,200
(B) Rs.18,400
(C) Rs.12,800
(D) Rs.16,800
(E) None of these

Q : 20.If three numbers are in the ratio 3:5:6 and their LCM Is 2160, then find their HCF.

- (A) 16
- (B) 18
- (C) 20
- (D) 22
- (E) 24

ANSWER

1.C

2.C

3.B

4.C

5.B

6.C

7.A

8.D

9.C

10.B

11.A

12.B

13.D

14.B

15.C

16.A

17.B

18.C

19.D

20.E