

APTITUDE QUIZ

Maths Series Questions And Answers

Q1 : A alone would take 6 hours more to complete the job than if both A and B would work together. When B worked alone he took 1.5 hours more to complete the job and A and B worked together. How much time they will take if they if they work together?

- (A) 3 hours
- (B) 4 hours
- (C) 4.5 hours
- (D) 5 hours
- (E) None of these

Q2 : Gopal and Ravi contracted a work for Rs 480. If Gopal can do that work in 15 days and Ravi can complete that same work in 10 days. He completed this work with Mahesh in 5 days, then tell me how much money Mahesh got.

- (A) Rs.80
- (B) Rs.120
- (C) Rs.160
- (D) Rs. 40

Q3 : If efficiency of B increased by $\frac{1}{3}$ and A and B start work together, while at the same time C starts destroying the work.

Find in how many days work will be completed?

- (A) 36 days
- (B) 48 days
- (C) 32 days
- (D) 28 days
- (E) 30 days

Q4 : A and B together can complete a work in 21 days. If A takes 42 days to complete the work alone, how many days will B take to complete the same work alone?

- (A) 32
- (B) 42
- (C) 27
- (D) 36

Q5 : A and B take the responsibility of doing a work for Rs 250. A can do that work alone in 5 days and B alone in 15 days. They complete the work in 3 days with the help of C. If everyone gets paid in proportion to the work, then how much amount will C get?

- (A) Rs. 50
- (B) Rs.100

(C) Rs. 150

(D) Rs. 200

Q6 : A, B, and C alone can do a work in 40 days ,120 days and 36 days respectively. A and B work together for 20 days and leave it incomplete. C carries on the work and complete it alone. How many days did C take to complete the work?

(A) 18

(B) 12

(C) 20

(D) 16

Q7 : A can do of a work in 20 days and B can do of the same work in 15 days. They work together for 10 days. C alone completes the remaining work in 1 day. B and C together can complete of of the same work in:

(A) 6 days

(B) 8 days

(C) 5 days

(D) 4 days

Q8 : A and B working together, can do a piece of work in hours. B and C working together can do it in 3 hours. C and A working together can do it in hours. All of them begin the work at the

same time. Find how much time they will take to finish the piece of work?

- (A) 3 hours
- (B) 2 hours
- (C) 2.5 hours
- (D) 1 hours
- (E) None of these

Q9 : A and B together can do a certain work in x days. Working alone, A and B can do the same work in $(x+8)$ and $(x+18)$ days, respectively. A and B together will complete of the same work in;

- (A) 12 days
- (B) 8 days
- (C) 10 days
- (D) 9 days

Q10 : Sudhir and Shyam can do a work in 12 days, while Shyam alone can complete it in 30 days. In how many days can Sudhir complete that work alone?

- (A) 20 days
- (B) 18 days
- (C) 28 days
- (D) 30 days

Q11 : The ratio of two numbers is 5 : 11. If both numbers are increased by 10, the ratio becomes 7 : 13. What is the sum of the two numbers?

- (A) 80
- (B) 32
- (C) 48
- (D) 160

Q12 : The ratio of the sides of a triangle is : : and its perimeter is 104 cm. is. What is the length of the longest arm?

- (A) 52 cm
- (B) 48 cm
- (C) 44 cm
- (D) 40 cm

Q13 : The ratio of the students of one school is 3: 5 with the students of the other school, if in the first school there were 50 students more and in the second there were 80 students less then the ratio would be 5: 6. Find the total number of students in both schools.

- (A) 600
- (B) 800
- (C) 400

(D) 250

Q14 : If A: B=3: 4, B:C =2:3 then what is the value of A +B: B+C: C+A?

(A) 5 :6 :7

(B) 7 : 10 : 9

(C) 7 : 5: 6

(D) 3 : 4 : 6

Q15 : A is 40% less than B, and C is 40% of the sum of A and B. The difference between A and B is what percentage of C?

(A) 64 %

(B) 62.5 %

(C) 60.5 %

(D) 60%

Q16 : If one number is 50 percent less than X and the other numbers are 20 percent less than X. What is the ratio of both the numbers?

(A) 5 : 8

(B) 2 : 3

(C) 3 : 8

(D) 3 : 5

Q17 : The ratio of incomes of A and B is 3:5, whereas the ratio of their expenditures is 4:7 respectively. If A and B save Rs. 16,000 and Rs. 26,000 respectively, then what is the different between their expenditures?

- (A) 5400
- (B) 6800
- (C) 5000
- (D) 6000

Q18 : A number is divided into three parts such that three times of the first part, six times of the second part and eight times the third part are equals to each other. If the first part is Rs. 1600, what is the third part?

- (A) 450
- (B) 600
- (C) 750
- (D) 900

Q19 : If Rs 1380 is divided into A, B and C in such a way that A gets 5 times B's share and 3 times C's share. Then what is the value of C parts?

- (A) Rs. 300
- (B) Rs.600

(C) Rs.900

(D) Rs.180

Q20 : The ratio of two number is 3 :5 . If 6 added to both the number then ratio become 2 :3 then find out the number?

(A) 21 and 35

(B) 30 and 50

(C) 24 and 40

(D) 18 and 30

ANSWERS

1.A

2.A

3.A

4.B

5.A

6.B

7.C

8.B

9.C

10.A

11.A

12.B

13.B

14.B

15.B

16.A

17.D

18.B

19.A

20.D