



BIZOTIC

For the love of education



Question 3

4 men can repair a road in 7 hours. How many men are required to repair the road in 2 hours?

- a) 11 men
- b) 12 men
- c) 13 men
- d) 14 men



Question 14

A building is under construction and the task of paving the blocks is given to a group of men. 40 men can finish the given task in 96 days, working 9 hours/day. If 48 men take up the assignment and commit to finish it in 45 days, how many hours will they need to work per day?

- a) 24
- b) 27
- c) 16
- d) 18

10 men working 6 hours a day can complete a work in 18 days.
How many hours a day must 15 men work to complete the same
work in 12 days:

- A. 6 hours
- B. 10 hours
- C. 12 hours
- D. 15 hours

A contractor undertook to complete a project in 90 days and employed 60 men on it. After 60 days, he found that three-fourth of the work has already been completed. How many men can he discharge so that the project may be completed exactly on time?

- A. 40 men
- B. 20 men
- C. 30 men
- D. 15 men

A company employed 200 workers to complete a certain work in 150 days. If only one fourth of the work has been done in 50 days, then in order to complete the whole work in time, the number of additional workers to be employed was:

- A. 100 men
- B. 300 men
- C. 600 men
- D. 200 men

If 5 men or 4 women can reap a field in 12 days, how long will 2 men and 8 women take to reap it?

- A. 20
- B. 5
- C. 12
- D. 14
- E. 21

Question 4

4 men and 6 women can complete a work in 8 days, while 3 men and 7 women can complete it in 10 days. In how many days will 10 women complete it?

- a) 32 days
- b) 34 days
- c) 40 days
- d) 36 days



Question 10

5 men and 3 boys can together cultivate a 23 acre field in 4 days and 3 men and 2 boys together can cultivate a 7 acre field in 2 days. How many boys will be needed together with 7 men, if they have to cultivate a 45 acre field in 6 days?

- a) 2
- b) 3
- c) 4
- d) 6

Question 9

In a regular week, there are 5 working days and for each day, the working hours are 8. A man gets Rs. 2.40 per hour for regular work and Rs. 3.20 per hour for overtime. If he earns Rs. 432 in 4 weeks, then how many hours does he work for?

- a) 145
- b) 165
- c) 175
- d) 185



A can do a piece of work in 20 days and B can do it in 15 days. How long will they take if both work together?

- A. 8 (6/7) days
- C. 8 (4/7) days
- B. 9 (3/7) days
- D. 9 (4/7) days



Sambhu can do $\frac{1}{2}$ of the work in 4 days while Kalu can do $\frac{1}{3}$ of the work in 4 days.

How long will it take for both of them to finish the work?

- A. $\frac{88}{17}$ days
- C. $\frac{24}{5}$ days
- B. $\frac{72}{17}$ days
- D. 8 days
- E. none



A can do a piece of work in 3 days, B can destroy the same piece of work in 5 days. How long will they take if both work together?

- A. 7 Days
- B. $7\frac{1}{2}$ Days
- C. $7\frac{6}{7}$ Days
- D. None



Nisha and Archana can do a piece of work in 10 days and Nisha alone can do it in 12 days. In how many days can Archana do it alone?

- A. 60
- B. 30
- C. 50
- D. 45
- E. none



Question 13

A pipe can fill a tank in 20 h. Due to a leak in the bottom, it is filled in 40 h. If the tank is full, how much time will the leak take to empty it?

- a) 30 hours
- b) 40 hours
- c) 50 hours
- d) 60 hours



Question 8

A can write 32 pages in 6 hours and B can write 40 pages in 5 hours. If they write together, in how many hours can they write 110 pages?

- a) 7 hours
- b) 6 hrs 10 min
- c) 5 hrs 25 min
- d) 8 hrs 15 min



Question 6

A can do a work in 20 days, while B can do the same work in 25 days. They started the work jointly. After few days, C joined them and thus all of them completed the whole work in 10 days. If they were paid a total of Rs. 700, what is the Share of C?

- a) Rs.70
- b) Rs.130
- c) Rs.185
- d) Can't be determined



Question 11

The ratio of efficiencies of P, Q and R is 2 : 3 : 4. While P and R work on alternate days, Q works on all days. The work is completed in 10 days and the total amount they get is Rs. 1200. Find the amount earned by each person (respectively)?

- a) 200, 600, 400
- b) 400, 600, 200
- c) 600, 200, 400
- d) 400, 200, 600



Question 15

Two friends A and B take a job for Rs. 10000. Had they worked alone, A would have taken 20 days while B would have taken 30 days. They started working together but after 10 days, A left and B completed the remaining work alone. Find the difference between their share?

- a) 0
- b) 1000
- c) 2000
- d) 5000

Question 1

Anand is twice as good a workman as Balu and is therefore able to finish a piece of work in 30 days less than Balu. In how many days they can complete the whole work; working together?

- a) 15 days
- b) 20 days
- c) 35 days
- d) 30 days



Question 2

A, B and C can do a piece of work in 24 days, 30 days and 40 days respectively. They began the work together, but C left 4 days before the completion of the work. In how many days was the work completed?

- a) 11 days
- b) 12 days
- c) 13 days
- d) 14 days



Question 5

Four pipes P, Q, R and S can fill a cistern in 20, 25, 40 and 50 hours respectively. The first pipe P was opened at 6:00 am, Q at 8:00 am, R at 9:00 am and S at 10:00 am. When will the Cistern be full?

- a) 4:18 pm
- b) 3:09 pm
- c) 12:15 pm
- d) 11:09 pm



A and B independently can finish a work in 20 and 40 days respectively. In how many ways will the work be completed?

A) If A and B work alternative days with A starting?

- A. 26 days
- B. 26 $\frac{1}{2}$ days
- C. 13 $\frac{1}{3}$ days
- D. 26 $\frac{2}{3}$ days

B) If A and B work alternative days with B starting?

- A. 27 days
- B. 26 $\frac{1}{2}$ days
- C. 13 $\frac{1}{3}$ days
- D. 27 $\frac{2}{3}$ days



Question 7

Three taps P, Q and R can fill a tank in 12 hrs, 15 hrs and 20 hrs respectively. If P is open all the time and Q and R are open for one hour each alternately, starting with Q, then the tank will be full in how many hours?

- a) 9 hours
- b) 7 hours
- c) 13 hours
- d) 11 hours



Question 12

The ratio of efficiency of A is to C is 5:3. The ratio of number of days taken by B is to C is 2:3. A takes 6 days less than C when A and C complete the work individually. B and C started the work and left after 2 days. The number of days taken by A to finish the remaining work is:

- a) 4.5
- b) 5
- c) 6
- d) $9\frac{1}{3}$

