

1. P is able to do a piece of work in 15 days and Q can do the same work in 20 days. If they can work together for 4 days, what is the fraction of work left?

A. $\frac{8}{15}$ B. $\frac{7}{15}$ C. $\frac{11}{15}$ D. $\frac{2}{11}$

Answer : Option A

2. P can lay railway track between two stations in 16 days. Q can do the same job in 12 days. With the help of R, they complete the job in 4 days. How much days does it take for R alone to complete the work?

A. $9\frac{3}{5}$ daysB. $9\frac{1}{5}$ daysC. $9\frac{2}{5}$ days

D. 10 days

Answer : Option A

3. P, Q and R can do a work in 20, 30 and 60 days respectively. How many days does it need to complete the work if P does the work and he is assisted by Q and R on every third day?

A. 10 days

B. 14 days

C. 15 days

D. 9 days

Answer : Option C

4. A is thrice as good as B in work. A is able to finish a job in 60 days less than B. They can finish the work in - days if they work together.

A. 18 days

B. $22\frac{1}{2}$ days

C. 24 days

D. 26 days

Answer : Option B

5. A can do a particular work in 6 days. B can do the same work in 8 days. A and B signed to do it for Rs. 3200. They completed the work in 3 days with the help of C. How much is to be paid to C?

A. Rs. 380

B. Rs. 600

C. Rs. 420

D. Rs. 400

Answer : Option D

6. 6 men and 8 women can complete a work in 10 days. 26 men and 48 women can finish the same work in 2 days. 15 men and 20 women can do the same work in -

days.

A. 4 days

B. 6 days

C. 2 days

D. 8 days

Answer : Option A

7. A can do a piece of work in 4 hours . A and C together can do it in just 2 hours, while B and C together need 3 hours to finish the same work. B alone can complete the work in --- hours.

A. 12 hours

B. 6 hours

C. 8 hours

D. 10 hours

Answer : Option A

8. P can do a work in the same time in which Q and R together can do it. If P and Q work together, the work can be completed in 10 days. R alone needs 50 days to complete the same work. then Q alone can do it in

A. 30 days

B. 25 days

C. 20 days

D. 15 days

Answer : Option B

9. A completes 80% of a work in 20 days. Then B also joins and A and B together finish the remaining work in 3 days. How long does it need for B if he alone completes the work?

A. 37 ½ days

B. 22 days

C. 31 days

D. 22 days

Answer : Option A

10. Machine P can print one lakh books in 8 hours. Machine Q can print the same number of books in 10 hours while machine R can print the same in 12 hours. All the machines started printing at 9 A.M. Machine P is stopped at 11 A.M. and the remaining two machines complete work. Approximately at what time will the printing of one lakh books be completed?

A. 3 pm

B. 2 pm

C. 1:00 pm

D. 11 am

Answer : Option C

11. P can finish a work in 18 days. Q can finish the same work in 15 days. Q worked for 10 days and left the job. how many days does P alone need to finish the

remaining work?

- A. 8
C. 4
B. 5
D. 6

Answer : Option D

12. 3 men and 7 women can complete a work in 10 days . But 4 men and 6 women need 8 days to complete the same work . In how many days will 10 women complete the same work?

- A. 50
C. 30
B. 40
D. 20

Answer : Option B

13. A and B can finish a work 30 days if they work together. They worked together for 20 days and then B left. A finished the remaining work in another 20 days. In how many days A alone can finish the work?

- A. 60
C. 40
B. 50
D. 30

Answer : Option A

14. A can complete a work in 12 days with a working of 8 hours per day. B can complete the same work in 8 days when working 10 hours a day. If A and B work together, working 8 hours a day, the work can be completed in --- days.

- A. $5\frac{5}{11}$
C. $6\frac{4}{11}$
B. $4\frac{5}{11}$
D. $6\frac{5}{11}$

Answer : Option A

15. P is 30% more efficient than Q. P can complete a work in 23 days. If P and Q work together, how much time will it take to complete the same work?

- A. 9
C. 13
B. 11
D. 15

Answer : Option C

16. P, Q and R can complete a work in 24, 6 and 12 days respectively. The work will be completed in --- days if all of them are working together.

- A. 2
B. $3\frac{3}{7}$

C. $4\frac{1}{4}$

D. 5

Answer : Option B

17. 10 men can complete a work in 7 days. But 10 women need 14 days to complete the same work. How many days will 5 men and 10 women need to complete the work?

A. 5

B. 6

C. 7

D. 8

Answer : Option C

18. Kamal will complete work in 20 days. If Suresh is 25% more efficient than Kamal, he can complete the work in --- days.

A. 14

B. 16

C. 18

D. 20

Answer : Option B

19. Anil and Suresh are working on a special assignment. Anil needs 6 hours to type 32 pages on a computer and Suresh needs 5 hours to type 40 pages. If both of them work together on two different computers, how much time is needed to type an assignment of 110 pages?

A. 7 hour 15 minutes

B. 7 hour 30 minutes

C. 8 hour 15 minutes

D. 8 hour 30 minutes

Answer : Option C

20. P and Q can complete a work in 20 days and 12 days respectively. P alone started the work and Q joined him after 4 days till the completion of the work. How long did the work last?

A. 5 days

B. 10 days

C. 14 days

D. 22 days

Answer : Option B

21. P takes twice as much time as Q or thrice as much time as R to finish a piece of work. They can finish the work in 2 days if work together. How much time will Q take to do the work alone?

A. 4

B. 5

C. 6

D. 7

Answer : Option C

22. P and Q can complete a work in 15 days and 10 days respectively. They started the work together and then Q left after 2 days. P alone completed the remaining work. The work was finished in --- days.

- A. 12
C. 20
B. 16
D. 24

Answer : Option A

23. P and Q can do a work in 30 days. Q and R can do the same work in 24 days and R and P in 20 days. They started the work together, but Q and R left after 10 days. How many days more will P take to finish the work?

- A. 10
C. 18
B. 15
D. 22

Answer : Option C

24. P works twice as fast as Q. If Q alone can complete a work in 12 days, P and Q can finish the work in --- days

- A. 1
C. 3
B. 2
D. 4

Answer : Option D

25. A work can be finished in 16 days by twenty women. The same work can be finished in fifteen days by sixteen men. The ratio between the capacity of a man and a woman is

- A. 1:3
C. 2:3
B. 4:3
D. 2:1

Answer : Option B

26. P and Q need 8 days to complete a work. Q and R need 12 days to complete the same work. But P, Q and R together can finish it in 6 days. How many days will be needed if P and R together do it?

- A. 3
C. 12
B. 8
D. 4

Answer : Option B

27. P can do a work in 24 days. Q can do the same work in 9 days and R can do the

same in 12 days. Q and R start the work and leave after 3 days. P finishes the remaining work in --- days.

- A. 7
C. 9
B. 8
D. 10

Answer : Option D

28. If daily wages of a man is double to that of a woman, how many men should work for 25 days to earn Rs.14400? Given that wages for 40 women for 30 days are Rs.21600.

- A. 12
C. 16
B. 14
D. 18

Answer : Option C

29. P,Q and R together earn Rs.1620 in 9 days. P and R can earn Rs.600 in 5 days. Q and R in 7 days can earn Rs.910. How much amount does R can earn per day?

- A. Rs.40
C. Rs.90
B. Rs.70
D. Rs.100

Answer : Option B

30. Assume that 20 cows and 40 goats can be kept for 10 days for Rs.460. If the cost of keeping 5 goats is the same as the cost of keeping 1 cow, what will be the cost for keeping 50 cows and 30 goats for 12 days?

- A. Rs.1104
C. Rs.934
B. Rs.1000
D. Rs.1210

Answer : Option A

31. There is a group of persons each of whom can complete a piece of work in 16 days, when they are working individually. On the first day one person works, on the second day another person joins him, on the third day one more person joins them and this process continues till the work is completed. How many days are needed to complete the work?

- A. $3\frac{1}{4}$ days
C. $5\frac{1}{6}$ days
B. $4\frac{1}{3}$ days
D. $6\frac{1}{5}$ days

Answer : Option C