

# Time and Work

**Q1. 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)  $62/7$  days      B)  $60/7$  days      C)  $66/7$  days      D)  $67/7$  days

**Q2. In question 1 if C, who can finish the same work in 25 days, joins them, then how long will they take to complete the work?**

- A)  $300/47$  days      B) 12 days      C)  $30/11$  days      D)  $852/18$  days

**Q3. Jai and Veeru can do a piece of work in 10 days and Jai alone can do it in 12 days. In how many days can Veeru do it alone?**

- A) 60 days      B) 30 days      C) 50 days      D) 45 days

**Q4. Gangadhar can do 25% of a piece of work in 5 days. How many days will he take to complete the work 10 times?**

- A) 150 days      B) 250 days      C) 200 days      D) 180 days

**Q5. 6 men can do a piece of work in 12 days. How many men are needed to do the work in 18 days?**

- A) 3 men      B) 6 men      C) 4 men      D) 2 men

**Q6. Chandler can do a piece of work in 10 days. Joey can do it in 15 days. If the total wages for the work is Rs. 50. How much should Chandler be paid if they work together for the entire duration of the work?**

- A) Rs 30      B) Rs 20      C) Rs 50      D) Rs 40

**Q7. A and B undertake a piece of work for Rs. 100. A can do it in 5 days and B can do it in 10 days. With the help of C, they finish it in 2 days. How much should C be paid for his contribution?**

- A) Rs 40      B) Rs 20      C) Rs 60      D) Rs 30

**Q8. 4 men and 3 women finish a job in 6 days, and 5 men and 7 women can do the same job in 4 days. How long will one man and one woman take to do the work?**

- A)  $156/7$  days      B)  $51/2$  days      C)  $58/7$  days      D)  $271/22$  days

**Q9. If 8 boys and 12 women can do a piece of work in 25 days, in how many days can the work be done by 6 boys and 11 women working together?**

- A) 15 days      B) 10 days      C) 12 days      D) Cannot be determined

**Q10. A can do a piece of work in 10 days and B can do the same work in 20 days. With the help of C, they finish the work in 5 days. How long will it take for C alone to finish the work?**

- A) 20 days      B) 10 days      C) 35 days      D) 15 days

**Q11. If A & B can do a job in 8 days and B & C can do the same job in 12 days. If A, B & C work together they can finish the job in 6 days. In how many days can A & C finish the job?**

- A) 8 days      B) 10 days      C) 12 days      D) 14 days

**Q12. A can do a piece of work in 20 days. He works at it for 5 days and then B finishes it in 10 more days. In how many days will A and B together finish the work?**

- A) 8 days      B) 10 days      C) 12 days      D) 6 days

**Q13. Twenty workers can finish a piece of work in 30 days. After how many days should 5 workers leave the job so that the work is completed in 35 days?**

- A) 5 days      B) 10 days      C) 15 days      D) 20 days

**Q14. Gabbar and Mogambo together can do a piece of work in 7 days. If Gabbar does twice as much work as Mogambo in a given time, how long will Gabbar alone take to do the work?**

- A) 6.33 days      B) 10.5 days      C) 11 days      D) 72 days

**Q15. Bruce can copy 50 pages in 10 hours. Bruce and Robin together can copy 300 pages in 40 hours. In how much time can Robin copy 30 pages?**

- A) 13 hours      B) 12 hours      C) 11 hours      D) 9 hours

**Q16. X number of men can finish a piece of work in 30 days. If there were 6 men more, the work could be finished in 10 days less. The original number of men is**

- A) 10      B) 11      C) 12      D) 15

**Q17. Louis can do a piece of work in 25 days and Clark can do it in 20 days. They work for 5 days and then Louis goes away. In how many more days will Clark finish the work?**

- A) 10 days      B) 12 days      C) 14 days      D) 11 days

**Q18. Sansa can do a piece of work in 10 days, Arya in 12 days and Bran in 15 days. They all start the work together, but Sansa leaves after 2 days and Arya leaves 3 days before the work is completed. In how many days is the work completed?**

- A) 2 days      B) 6 days      C) 7 days      D) 8 days

**Q19. Frodo can do  $\frac{1}{2}$  of the work in 8 days while Bilbo can do  $\frac{1}{3}$  of the work in 6 days. How long will it take for both of them to finish the work?**

- A)  $\frac{88}{17}$  days      B)  $\frac{144}{17}$  days      C)  $\frac{72}{17}$  days      D) 8 days

**Q20. Miley takes twice as much time as Selena and thrice as much as Katy to finish a piece of work. Together they finish the work in 1 day. What is the time taken by Miley to finish the work?**

- A) 6 days      B) 3 days      C) 2 days      D) 4 days

**Q21. A cistern is normally filled in 5 hours. However, it takes 6 hours when there is a leak in its bottom. If the cistern is full, in what time can the leak empty half of it?**

- A) 6h      B) 5h      C) 30h      D) 15h

**Q22. Two taps are running continuously to fill a tank. The first tap could have filled it in 5 hours by itself and the second one by itself could have filled it in 20 hours. But the operator failed to realize that there was a leak in the tank from the beginning which caused a delay of one hour in the filling of the tank. Find the time in which the leak would empty a filled tank?**

- A) 15 hours      B) 20 hours      C) 25 hours      D) 40 hours

**Q23. In a fort there was sufficient food for 200 soldiers for 31 days. After 27 days, 120 soldiers left the fort. For how many extra days will the rest of the food last for the remaining soldiers?**

- A) 12 days      B) 10 days      C) 8 days      D) 6 days