

TIME AND WORK

1. A and B can do a piece of work in 6 and B and C in 12 days, C and A in 24 days. How long would it take to complete the working together?
A. $6\frac{6}{7}$ days B. $33\frac{1}{8}$ days C. $26\frac{2}{3}$ days D. 24
2. A can do a piece of work, in 10 days and B in 20 days, with the help of C, they finish the work in 5 days. How long will it take C to finish the work?
A. 20 B. 15 C. 18 D. 16
3. A can do a piece of work in 20 days. He worked at it for 5 days then B finished it in 24 days. In how many days can A and B together finish the work?
A. $12\frac{4}{13}$ days B. $12\frac{13}{14}$ days C. $12\frac{12}{3}$ days D. 12 days
4. A, B and C can do a piece of work in 30, 20 and 10 days respectively. A is assisted by B on one day and by C on the next day alternatively. How long the work would take to finish?
A. $9\frac{3}{8}$ days B. $9\frac{3}{4}$ days C. $9\frac{1}{3}$ days D. 10 days
5. A is twice as good a workman as B and is therefore able to finish a piece of work in 40 days less than B. Find the time taken in which they can do it working together
A. $25\frac{1}{7}$ days B. $33\frac{1}{8}$ days C. $26\frac{2}{3}$ days D. 28 days
6. 10 men and 7 women can complete a work in 1 day. If only one man complete the same work in 20 days how much time (days) a women will take to complete the same work?
A. 16 days B. 13 days C. 17 days D. 14 days
7. If a job takes 20 men 4 hours to complete, how long should it takes 25 men to complete the job?
A. 3.2 hours B. 2.3 hours C. 3.6 hours D. 4 hours
8. 6 examiners working 5 hours a day can check 1500 answer books in 8 days. At the same rate of checking in what period of time can 4 examiners examine 1600 answer books working 8 hours a day?
A. 10 days B. 8 days C. 12 days D. 14 days

9. A can do a piece of work in 10days, B in 12days and C in 20 days. All begin together, But A leaves the work after 2 days and B leaves 3 days before the work is finished. How long did the work last?

- A. $6\frac{3}{8}$ days B. 7 days C. $6\frac{1}{4}$ days D. 6 days

10. A contractor employed 36 men to complete the work in 16 days. However after 12 days, he noticed that 80% of the work is completed. How many persons can be removed from his job now, in order to make sure that the work gets completed in the promised time?

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

11. A is thrice as good as workman as B and therefore is able to finish a job in 60 days less than B. Working together, they can do it in:

- A. 20 days B. $22\frac{1}{2}$ days C. 25 days D. 30 days

12. P is 20 % more efficient than Q, how much time will they working together take to complete a job which P alone could have done in 20 days ?

- A. 9 days B. 11 days C. 17days D. 22daya

13. Three men, four women and six children can complete a work in 7 days. A woman does double the work a man does and a child does half the work a man does. How many women alone can complete this work in 7 days ?

- A. 7 B. 6 C. 8 D. 10

14. X alone can do a piece of work in 5 days. Y can do the same piece of work in 4 days. X and Y are assigned to do the work for Rs.5000. They complete the work in 2 days with the help of Z. How much is to be paid to Z ?

- A. Rs.750 B. Rs.620 C. Rs.700 D. Rs.500

15. A project manager hired 16 men to complete a project in 40 days. However after 30 days he realized that only $\frac{4}{9}$ th of the work is complete. How many more men does he need to hire to complete the project on time ?

- A. 30 B. 32 C. 44 D. 40