TIME AND WORK

1. A and B can do a piece of work in 6 and B and C in 12days, 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 D4. 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. B is twice efficient as A and A can do a piece of work in 15 days. A started the work and after a few days B joined him. They completed the work in 11 days, from the starting. For how many days did they work together?
A. 1 day B. 2 day C. 6 days D. 5 days

6. 10 men and 7 women can complete a work in 1 day. If only one man complete the same work in 20days how much time (days) a women will take to complete the same work?
A. 16 days B. 13days C. 17days D. 14days

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. 2.3hours 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 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 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