Q1).A man is twice as fast as a woman. Together the man and the woman do the piece of work in 10 days. In how many days each will do the work if engaged alone?
a) man-14 days, woman-28 days
b) man-15 days, woman-30 days
c) man-10 days, woman-20 days d) None of these

2)A is 20% more efficient than B. How much time will they take to complete a job working together, which A alone could have done in 22 days?
a) 11 days b) 10 days   c) 17 days   d) None of these

3)a piece of work Suresh can finish a piece of work by himself in 42 days. Mahesh, who is 1/5 times more efficient as Suresh, requires X days to finish the work by working all by himself. Then what is the value of X?
a) 25 days   b) 30 days   c) 35 days   d) 20 days

4)Carpenter A can make a chair in 6 hours, carpenter B in 7 hours and carpenter C in 8 hours. If each carpenter works for 8 hours per day, how many chairs will be made in 21 days?
a) 61   b) 67   c) 73   d) 79

5)If 4 men working 4 hours per day for 4 days complete 4 units of work, then how many units of work will be completed by 2 men working for 2 hours per day in 2 days?
 a) 2   b) 1   c) ½   d) 1/8

6)Two pipes A and B can fill a tank in 60 minutes and 75 minutes respectively. There is also an outlet C. If A, B and C are opened together, the tank is full in 50 minutes. How much time will be taken by C to empty the full tank?
a) 100 minutes   b) 110 minutes
c) 120 minutes   d) 125 minutes

7)A is thrice as efficient as B and hence completes a work in 40 days less than the number of days taken by B. What will be the number of days taken by both of them when working together?
a) 22.5 days   b) 15 days   c) 20 days   d) 18 days

8). How many men will be required to plough 100 acres of land in 10 days, if 10 men require 8 days to plough 20 acres of land?
 a) 30   b) 40   c) 50   d) 60

9)A can do a piece of work in 'x' days and B can do the same work in '3x' days, to finish the work together they take 12 days. What is the value of 'x'? a) 8   b) 10   c) 12   d) 16

10)Rahul can do a piece of work in 25 days. Riya is 50% more efficient than Rahul. The number of days taken by Riya is
   a) 15   b) 10   c) 21   d) 30

11)X can complete a job in 12 days. If X and Y work together, they can complete the job in 20/3 days. Y alone can complete the job in
a) 10 days   b) 12 days   c) 15 days   d) 18 days

12)2 men and 1 woman can complete a piece of work in 14 days, while 4 women and 2 men can do the same work in 8 days. If a woman gets Rs 60 per day, what should be the wages per day of a man?
a) Rs 48 b) Rs 90   c) Rs 72   d) Rs 135

13)X and Y can do a piece of work in 30 days. They work together for 6 days and then X quits and Y finishes the work in 32 more days. In how many days can Y do the piece of work alone?
a) 30 days   b) 32 days   c)34 days   d) 40 days

14).12 men construct 1.5 km of road in 7 days. 28 men will construct 12 km of roads in
a) 20 days   b) 24 days   c) 28 days   d) 38 days

15)Seventy-five men are employed to lay down a railway line in a year. Due to certain emergency conditions, the work was to be finished in 73 days. How many more men should be employed to complete the work in the desired time? in the desired time?
  a) 300   b) 325   c) 350   d) 375

16)12 men and 16 boys can do a piece of work in 5 days, 13 men and 24 boys can do it in 4 days. Then the ratio of daily work done by a man to that of a boy is?

17).A contractor undertakes to built a wall in 50 days. He employs 50 people for the same. However, after 25 days he finds that only 40% of the work is complete. How many more men need to be employed to complete the work in time?
a) 25   b) 30   c) 35   d) 20

18). Pipe A can fill a tank in 3 h but there is a leakage also, due to which it takes 3.5 h for the tank to be filled. How much time will the leakage take in emptying the tank, if the tank is filled initially?
 a) 21 h   b) 20 h   c) 18 h   d) 10.5 h

19)If 10 persons can dig 8 ft trench in 12 days, then how many days will 8 persons take to dig 6 ft trench?
a) 10 days   c) 11 days
b) 10.25 days   d) 11.25 days

20)A can do a piece of work in 5 days, and B can do it in 6 days. How long will they take to finish the work if both work together?
a)25   b) 30/11   c) 35/10   d) 20

21)A and B can do alone a job in 6 day and 12 days respectively. They began the work together but 3 days before the completion of job, A leaves off. In how many days will the work be completed?
a) 5   b) 4   c) 6   d) 7

21)A and B together can do a piece of work in 6 days and A alone can do it in 9 days. In how many days can B alone do it?
a) 18   b) 16   c) 9   d) 36

23).10 men can finish a piece of work in 10 days, whereas it takes 12 women to finish it in 10 days. If 15 men and 6 women undertake to complete the work, how many days will they take to complete it?
a) 5   b) 10   c) 15   d) 20

24)A certain number of men can do a work in 60 days. If there were 8 men more it could be finished in 10 days less. How many men are there?
a) 40   b) 30   c) 10   d) 20

25) 5 men prepare 10 toys in 6 days working 6 hrs a day. Then in how many days can 12 men prepare 16 toys working 8 hrs a day?
a) 4   b) 3   c) 2   d) 10