**1.** *A* can complete a piece of work in 18 days and *B* can complete the same work in half time taken by *A*. Then working together, what part of the same work they can complete in a day?

a) b) c) d) e)

**2.** *A* and *B* together can do a piece of work in 12 days, while *B* alone can finish it in 30 days. *A* alone can finish the work in

a) 15 days b) 18 days c) 20 days d) 25 days

**3.** Aarti can do a piece of work in 6 days. In how many days will she complete the three time of work of same type?

a) 18 days b) 21 days c) 3 days d) 6 days e) None of the above

**4.** *A* and *B* can do a piece of work in 6 and 12 days, respectively. They ( both) will complete the work in how many days?

a) 9 days b) 18 days c) 6 days d) 4 days

**5.** *A* alone can complete a work in 12 days and *B* alone can complete the same work in 24 days. In how many days can *A* and *B* together complete the same work?

a) 6 days b) 4 days c) 10 days d) 8 days e) None of the above

**6**. *X* can complete a job in 12 days. If *X* and *Y* work together, they can omplete the job in 6 days. *Y* alone can complete the job in

a) 10 days b) 12 days c) 15 days d) 18 days

**7**. If 3 men and 4 boys can do a piece of work in 8 day, then 6 men and 8 boys can do the same work in

a) 2 days b) 4 days c) 6 days d) 16 days

**8.** ‘*A*’ can do a piece of work in x days and *B* can do the same work 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

**9**.  *A* can do of the work in 5 days and *B* can do of the work in 10 days. In how many days both *A* and *B* together can do the work?

a) 7 days b) 7 days c) 7 days d) 7 days e) None of the above

**10.** *A* can do a piece of work in 4 days and *B* can complete the same work in 12 days. What is the number of days required to do the same work together?

a) 2 days b) 3days c) 4 days d) 5 days

**11.** *A* can do a piece of work in 8 days, *B* can do it in 10 days. and *C* can do it in 20 days. In how many days can *A*, *B* and *C* together complete the work?

a) 3 days b) 3 days c) 3 days d) 3 days e) None of the above

**12**. *A*, *B* and *C* can complete a work in 2 h. If A does the job alone in 6 h and *B* in 5 h, how long will it take for *C* to finish the job alone?

1. 5 h b) 7 h c) 9 h d ) 4

**13.** *A* and *B* can do a piece of work in 18 days. *B* and *C* in 24 days, *C* and *A* in 36 days. Find the time in which *A*, *B* and *C* working together can finish the work

a) 8 b) 16 c) 24 d) 36

**14.** *A* and *B* can do a piece of work in 72 days. *B* and *C* can do it in 120 days.

*A* and *C* can do it in 90 days. In what time can *A* alone do it?

1. 80 days b) 100 days c) 120 days d) 150 days

**15.** *A* and *B* can do a piece of work in 10 h. *B* and *C* can do it in 15h, while *A* and *C* take 12 h to complete the work. *B* independently can complete the work in.

a) 12 h b) 16 h c) 20 h d) 24 h

**16.** *A* Can do a piece of work in 1o days, while *B* can do it in 6 days. *B* worked at it for 4 days. How long will *A* take to finish the remaining work?

a) 3 days b) 3 days c) 3 days d) 3 days e) None of the above

**17.** *A* and *B* can complete a job in 24 days working together. *A* alone can complete it in 32 days. Both of them worked together for 8 days and then *A* left. The number of days *B* will take to complete the remaining job is

a) 16 b) 32 c) 64 d) 128

**18**. *A* contractor undertook to do a certain piece of work in 18 days. He employed certain number of men but 12 of them being absent from the very 1st day, the rest could finish the work in 30 days. Find the number of men originally employed.

a) 40 b) 15 c) 45 d) 30 e) None of the above

**19.** Ajay can do a piece of work in 25 days and sanjay can finish it in 20 days. They work together for 5 days and then Ajay goes away. In how many days will Sanjay finish the remaining work?

a) 11 days b) 12 days c) 14 days d) 24 days

**20.** *A* and *B* can complete a work in 8 days, working together. *B* alone can do it in 12 days. After working for 4 days, *B* left the work. How many days will *A* take to complete the remaining work?

a) 16 days b) 18 days c) 20 days d) 22 days e) 24 days

**21.** 10 men can make a wall in 8 days. How many men required to complete the same work in half day?

a) 80 b) 100 c) 120 d) 160

**22.** 6 boys can complete a piece of work in 16 h. In how many hours will 8 boys complete the same work?

a) 10 b) 8 c) 12 d) 14 e) None of the above

**23.** In a hostel, there are 120 students and food stock is for 45 days. If 30 new students join the hostel, in how many days will the compete stock be exhausted?

a) 38 b) 40 c) 32 d) 36 e) None of the above

**24.** If 5 boys take 7 h to pack 35 toys, how many boys can pack 65 toys in 3 h?

a) 26 b) 39 c) 45 d) 65 e) None of the above

**25.** 20 women can complete a piece of work in 7 days. If 8 more women are put on the job. In how many days will they complete the work?

a) 4.5 days b) 5 days c) 5.5 days d) 4.5 days

**26.** 12 men can do a piece of work in 24 days. How many days are needed to complete the work, if 8 men do this work?

a) 28 b) 36 c) 48 d) 52 e) None of the above

**27.** 20 men can cut 30 trees in 4 h. If 4 men leave the job, how many trees will be cut in 12 h?

a) 72 b) 80 c) 68 d) 79

**28.** 40 men can build a wall 200 m long in 12 days, working 8 h a day. What will be the number of days that 30 men will take to build a similar wall 300 m long, working 6 h per day.

a) 32 b) 18 c) 36 d) 9

**29.** If *m* men working *m* h per, day, can do *m* units of work in m days, then *n* men working *n* h per day would be able to complete how many units of work in *n* days?

a) b) c) d)

**30**. 20 men complete one-third of a work in 20 days. How many more men should be employed to finish the rest of work in 25 more days?

a) 15 b) 12 c) 18 d) 25 e) None of the above

31. 15 men complete a work in 16 days. If 24 men are employed, then the time required to complete that work will be

a) 7 days b) 8 days c ) 10 days d) 12 days

**32.** 20 workers working for 5 h per day complete a work in 10 days. If 25 workers are employed to work 10 h per day, what is the time required to complete the work?

a) 4 days b) 5 days c) 6 days d) 8 days

**33.** A certain number of men can do a piece of work in 80 days. If there were 10 men less, It could be finished in 20 days more. How many men are there in the starting?

a) 45 b) 50 c) 40 d) 60

**34.** A stock of food is enough for 240 men for 48 days. How long will the same stock last for 160 men?

a) 54 days b) 60 days c) 64 days d) 72 days

**35.** 45 people take 18 days to dig a pond. If the pond would have to be dug in 15 days, then the number of people to be employed will be

a) 50 b) 54 c) 60 d) 72

**36.**  If 3 men or 4 women can build a wall in 43 days. In how many days can 7 men and 5 women build this wall?

a) 16 days b) 25 days c) 21 days d) 12 days

**37.** *A* and *B* can do a job together in 12 days. *A* is 2 times as efficient as *B* In how many days can *B* alone complete the work?

a) 36 b) 12 c) 18 d) 9

**38.** 16 children and 24 men complete a certain work in 18 days. If each child takes twice the time taken by a man to finish the work, in how many days will 24 men finish the same work?

a)12 days b) 24 days c) 36 days d) 48 days e) None of the above

**39.** *A* does 20 % less work than *B*. If *A* can complete a piece of work in 7 ½ then *B* can do it in

a) 4 h b) 6 h c) 8 h d) 10 h

**40.** *A* takes twice as much time as *B* and C takes thrice as much time as *B* to finish a work. Working together, they can finish the work in 12 days. Find the number of days needed for *A* to do the work alone.

a) 20 b) 22 c) 33 d) 44

**41.** *A* is thrice as good a workman as *B* and therefore is able to finish a job in 30 days less than *B*. How many days will they take to finish the job working together?

a) 10 b) 11 c) 11 d) 11

**42.** *X* can do a work in 16 days. In how many days will the work be completed by *Y*, if the efficiency of *Y* is 60 % more than that of *X*?

a) 10 days b) 12 days c) 25 days d) 30 days