Time & Work 2

Practice Exercise II

1) A, B and C can do a job in 24 days, 15 days and 60 days respectively working alone. They start working together. A left after 6 days and B left after working for 8 days of the initial day. How many more days are required to complete the whole work?

a) 5 days b) 15 days c) 8 days d) 10 days

2) A, B and C can do a piece of work in 24, 30 and 40 days respectively. They start to work together but C leaves 4 days before the completion of the work. In how many days is the work done?

a) 7 days b) 11 days c) 20 days d) 18 days

3) Harish and Jeetu can do a piece of work in 18 days, Jeetu and Mohan in 15 days, Mohan and Harish in 10 days. How long would all take to finish the work together?

a) 9 days b) 11 days c) 20 days d) 18 days

4) In the above question, who among the following is most efficient?

a) Harish b) Jeetu c) Mohan d) None

5) Amit can complete a work in 20 days by working 6 hours per day. Sanjay can complete the same work in 25 days by working 8 hours per day. If both of them work together 5 hours per day, in how many days the work will be completed?

a) 10 days b) 7.5 days c) 18 days d) 15 days

6) 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 finished the work in 4 days. C can do the work in how many days, working alone?

a) 5 days b) 20 days c) 15 days d) 10 days

7) A can do a piece of work in 12 days. B can do this work in 16 days. A started the work alone. After how many days should B join him, so that the work is finished in 9 days?

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

8) Akash can complete an advertisement creation work in 15 days, but took the help Suresh and complete the advertisement creation work in 10 days. In how many days Suresh alone can complete the work?

a) 16 days b) 30 days c) 20 days d) 12 days

9) George can do some work in 8 hours; Paul can do the same work in 10 hours while Hari can do the same work in 12 hours. All the three of them start working at 9 am. While George stops work at 11 am and the remaining two complete the work. Approximately at what time will the work be finished?

a) 1 pm b) 12 noon c) 12:30 pm d) 11:30 am

10) Farooq and Ahmed can do the work in 45 days and 40 days respectively. They began the work together but Farooq left after some days and Ahmed finished the remaining work in 23 days. After how many days did Farooq leave?

a) 7 days b) 8 days c) 9 days d) 11 days

11) A can do a piece of work in 36 days, B in 24 days and C in 72 days. All the three began the work together but A left after 8 days and B left 12 days before the completion of the work. How many days in all did C put in the entire work was finished?

a) 10 days b) 20 days c) 30 days d) 23 days

12) 1200 men and 500 women can build a bridge in 2 weeks. 900 men and 250 women will take 3 weeks to build the same bridge. How many men will be needed to build the bridge in one week?

a) 3000 men b) 3300 men c) 3600 men d) 3900 men

13) X bullocks and Y tractors take 8 days to plough a field. If we halve the number of bullocks and double the number of tractors, it takes 5 days to plough the same field. How many days will it take X bullocks alone to plough the field? ***[GATE 2017/ECE]***

a) 30 b) 35 c) 40 d) 45

Check the Answers

1	**A**	6	**D**	11	**D**
2	**B**	7	**A**	12	**C**
3	**A**	8	**B**	13	**A**
4	**C**	9	**A**	14	
5	**D**	10	**C**	15	