Time & Work 1

Practice Exercise

1) If 8 men make 8 chairs in 8 days, then 1 man will make 1 chair in how many days?

a) 1 days b) 8 days c) 4 days d) 2 days

2) If two men or three women can do a work in 28 days, in how many days will 1 man and 9 women can do that work?

a) 10 days b) 9 days c) 7 days d) 8 days

3) If 30 oxen can plough 1/7th of a field in 2 days. How many days will 18 oxen take to do the remaining work?

a) 30 days b) 20 days c) 15 days d) 18 days

4) A hotel has provisions for 250 persons for 50 days. If after 8 days, 50 more persons joined the hotel, how long will the food last at the same rate?

a) 30 days b) 32 days c) $33\frac{1}{3}$ days d) 35 days

5) In a fort, ration for 800 people was sufficient for 30 days, after 12 days, more people came and the food lasted for only 12 more days. How many people came in the fort?

a) 200 b) 300 c) 400 d) 150

6) A group of workers agreed to paint a building in 25 days, but 5 workers could not join and the remaining workers painted the building in 32 days. How many workers were originally there?

a) 16 workers b) 15 workers c) 40 workers d) 32 workers

7) 36 men can complete a piece of work in 18 days. In how many days will 27 men complete the same work?

a) 12 days b) 18 days c) 22 days d) 24 days

8) 39 persons can repair a road in 12 days, working 5 hours a day. In how many days will 30 persons, working 6 hours a day, complete the work?

a) 10 days b) 13 days c) 14 days d) 15 days

9) If 'a' men working 'b' hours per day can do '2c' units of work in 'b' days, then '2b' men working 'c' hours per day can be able to complete how many units of work in 'a' days?

a) $\frac{2c^2}{b}$ b) $\frac{b^2}{c}$ c) $\frac{4c^2}{b}$ d) None of these

10) If 12 men can do a piece of work in 15 days working for 6 hours a day, In how many days will 18 men can do the same work, working 3 hours a day?

a) 16 days b) 12 days c) 10 days d) 20 days

11) A contract is to be completed in 60 days and 12 identical robots were employed, each operational for 6 hours a day. After 40 days 1/3rd work was completed. How many additional robots would be required to complete the work on time, if each robot is now operational for 8 hours a day?

a) 36 b) 24 c) 8 d) 20

12) 5 mat-weavers can weave 5 mats in 5 days. At the same time, how many mats would be woven by 10 mat- weavers in 10 days?

a) 10 mats b) 15 mats c) 20 mats d) 30 mats

13) A man completes 7/8th of the work of a job in 20 days. At the same rate, if 2 men work, then how many more days will it take to complete the work?

a) 24/7 b) 20/7 c) 10/7 d) None of these

14) 2 men or 3 women can do a piece of work in 16 days. In how many days can 4 men and 6 women can do the same work?

a) 8 days b) 4 days c) 10 days d) 2 days

15) 1 men or 2 women or 4 children can complete a work in 60 days. How many days will it take for 2 men, 1 women and 6 children to complete the same work?

a) 10 days b) 9 days c) 15 days d) 16 days

Check the Answers

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