

Problems Based On Time & work

- Q.1) A and B working separately can do a piece of work in 9 and 12 days respectively .If they work for clay alternately, A beginning, in how many days, the work will be completed?
a) 80 days b)10 days c) 20 days d) $10\frac{1}{4}$ days
- Q.2) 45 men can completed a work in 16 days .Six days after they started working, 30 more men joined them .How many days will they now take to complete the remaining work?
a) 8 days b) 15 days c) 12 days d) 6 days
- Q.3) 2 men and 3 boys can do a piece of work in 10 days while 3 men and 2 boys can do the same work in 8 days. In how many days can 2 men and 1 boy do the work?
a) $12\frac{1}{2}$ days b) 13days c) $13\frac{1}{2}$ days d) 10 days
- Q.4) A works twice as fast as B .If B can complete a work in 12 days independently, the number of days in which A and B can finish the work is:
a) 4 days b) 6 days c) 8 days d) 18 days
- Q.5) A is twice as good a work man as B and together they finish a piece of work in 14 days. the number of days taken by A alone to finish the work is:
a) 11 days b) 21days c) 28 days d) 42 days
- Q.6) A is thrice as good a workman as B and therefore if able to finish a job in 60 days less than B working together, they can do it in:
a) 20 days b) $22\frac{1}{2}$ days c) 25 days d) 30 days
- Q.7) Sakshi can do a piece of work in 20 days .Tanya is 25% more efficient than Sakshi .The number of days taken by Tanya to do the same piece of work is:
a) 15 days b) 16 days c) 18 days d) 25 days
- Q.8) A is 30% more efficient than B .How much time will they, working together, take to complete a job which A alone could have done in 23 days?
a) 11 days b) 13 days c) $20\frac{3}{17}$ days d) None of
- Q.9) A does half as much work as B in three-fourth of the time .If together they take 18 days to complete the work, how much time shall B take to do it?
a) 30 days b) 35 days c) 40 days d) None of these
- Q.10) A alone can complete a work in 16 days and B in 12 days .Starting with A, they work on alternate day's .The total work will be completed in:
a) 12 days b) 13 days c) $13\frac{5}{7}$ days d) $13\frac{3}{4}$
- Q.11) A, B and C can a piece of work in 11 days, 20 days and 55 days respectively working alone how soon can the work be done if A is assisted by B and C on alternate days?

- a) 7 days b) 8 days c) 9 days d) 10 days
- Q.12) Twenty women can do a work in sixteen days .Sixteen men can complete the same work in fifteen days, what is the ratio between the capacity of a man and a woman?
a) 3 : 4 b) 4 : 3 c) 5 : 3 d) Data inadequate
- Q.13) 10 men can complete a work in 15 days and 15 women can complete the same working 12 days. If all the 10 men and 15 women work together, in how many days will the work get completed?
a) 6 days b) $6\frac{1}{3}$ days c) $6\frac{2}{3}$ days d) $7\frac{2}{3}$
- Q.14) Seven men can complete a work in 12 days .They started the work and after 5 days, two men left. In how many days will the work be completed by the remaining men?
a) 5 b) 6 c) 7 d) 8 e) None of these
- Q.15) 12 men complete a work in 9 days .After they have worked for 6 days, 6 more men join them .How many days will they take to complete the remaining work?
a) 2 days b) 3 days c) 4 days d) 5 days e) None of these
- Q.16) 12 men can complete a piece of working 4 days while 15 women can complete the same work in 4 days .6 men start working on the job and after working for 2 days, all of them stopped working how many women should put on the job to complete the remaining work, if it is to be completed in 3 days?
a) 15 days b) 18 days c) 22 days d) None of these e) Data inadequate
- Q.17) 10 women can complete a work in 7 days and 10 children take 14 days to complete the work. How many days will 5 women and 10 children take to complete the work?
a) 3 days b) 5 days c) 7 days d) None of these
- Q.18) 4 men and 6 women can complete a work in 8 days, while 3 men and 7 women can complete it in 10 day's. In how many days will 10 woman complete it?
a) 35 days b) 40 days c) 45 days d) 50 days
- Q.19) If 15 men , working 9 hours a day ,can reap a field in 16 days, in how many days will 18 men reap the field, working 8 hours a day?
a) 15 days b) 18 days c) 16 days d) 14 days
- Q.20) 12 men working 8 hours per day complete a piece of work in 10 days. To complete the same work in 8 days, working 15 hours a day, number of men. required, is:
a) 10 b) 8 c) 6 d) 12

ANSWER KEY

1	D
2	D
3	A
4	A
5	B
6	B
7	B
8	B
9	A
10	D
11	B
12	B
13	C
14	E
15	A
16	A
17	C
18	B
19	A
20	B