

- 1) Ajay and Vijay undertake to do a piece of work for Rs. 480. Ajay alone can do it in 75 days while Vijay alone can do it in 40 days. With the help of Pradeep, they finish the work in 25 days. How much should Pradeep get for his work?
1. Rs. 40 2. Rs. 20 3) Rs. 36 4)Rs. 100
- 2) In the beginning, Ram works at a rate such that he can finish a piece of work in 24 hrs, but he only works at this rate for 16 hrs. After that, he works at a rate such that he can do the whole work in 18 hrs. If Ram is to finish this work at a stretch, how many hours will he take to finish this work?
a) 12 hrs b) 18 hrs c) 11½ hrs d) 15 hrs e) 22 hrs
- 3) Two taps M and N can separately fill a cistern in 30 and 20 minutes respectively. They started to fill a cistern together but tap A is turned off after few minutes and tap B fills the rest part of cistern in 5 minutes. After how many minutes was tap M turned-off?
a) 9 min b) 10 min c) 12 min d) None of these
- 4) A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?
A. Rs 375 B. Rs 400 C. Rs 600 D. Rs 800
- 5) A, B and C can do a work in 36, 54 and 72 days respectively. They started the work but A left 8 days before the completion of the work while B left 12 days before the completion. The number of days for which C worked is?
a)22 B. 18 C. 20 D. 24
- 6) A, B and C can do a work in 5 days, 10 days and 15 days respectively. They started together to do the work but after 2 days A and B left. C did the remaining work (in days)
A. 1 B. 3 C. 5 D. 4
- 7) Manu working alone on a job takes 12 days more than what he would have taken if Bhanu had worked along with him while Bhanu working alone on the same job takes 27 days more than what he would have taken if Manu had worked along with him. Find the time that both of them working together would take to do the job.
A. 10 B. 12 C. 16 D. 18
- 8) 12 men take 36 days to do a work while 12 women complete $\frac{3}{4}$ th of the same work in 36 days. In how many days 10 men and 8 women together will complete the same work?
a)6 days (b) 27 days (c) 12 days (d) Data inadequate
- 9) A wall of 100 m can be built by 7 men or 10 women in 10 days. How many days will 14 men and 20 women take to build a wall of 600 m?
a)15 (b) 20 (c) 2 (d) 30
- 10) On a certain pasture the grass grows at an even rate. It is known that 40 cows can graze on it for 40 days before the grass is exhausted, but 30 cows can graze there as long as 60 days. How many days would the pasture last if 20 cows were to graze on it?
a) 100 days b) 120 days c) 80 days d) 160 days
- 11) A drain pipe can drain a tank in 12 hours, and a fill pipe can fill the same tank in 6 hours. A total of n pipes – which include a few fill pipes and the remaining drain pipes – can fill the entire tank in 2 hours. How many of the following values could 'n' take?
a. 24 b. 16 c. 33 d. 13 e. 9 f. 8
A) 3 B) 2 C) 1 D) 0