Time & work based practice question

1. A is thrice as good as workman as B and therefore is able to finish a job in 60 days less than B. Working together, they can do it in:

   A.   20 days

   B. $22\dfrac{1}{2}$ days

   C.   25 days

   D.   30 days

Answer: Option B

2. A and B can complete a work in 15 days and 10 days respectively. They started doing the work together but after 2 days B had to leave and A alone completed the remaining work. The whole work was completed in :

   A.   8 days

   B.   10 days

   C.   12 days

   D.   15 days

Answer: Option C

3. A and B can do a piece of work in 30 days, while B and C can do the same work in 24 days and C and A in 20 days. They all work together for 10 days when B and C leave. How many days more will A take to finish the work?

   A.   18 days

   B.   24 days

   C.   30 days

   D.   36 days

   Answer: Option A

4. A is thrice as efficient as B and is, therefore, able to finish a piece of work 10 days earlier than B. In how many days A and B will finish it together?
   A. 3 days
   B. 4 days
   C. 5 days
   D. 6 days

   Answer: Option C

5 . A can do a bit of work in 25 days which B can complete in 20 days. Both together labor for 5 days and afterward A leaves off. How long will B take to complete the remaining work?

   A - 7 days

   B - 8 days

   C - 9 days

   D - 11 days

   Answer - D

6 . A and B can do a bit of work in 12 days. B and C can do it in 15 days while C and A can do it in 20 days. In how long will they complete it cooperating? Additionally, in how long can A alone do it?

A - 10 days, 30 days.

B - 15 days, 20 days.

C - 20 days, 40 days.

D - 10 days, 50 days.

Answer - A

7. A does half as much work as B in three ?fourth of the time. On the off chance that together they take 18 days to finish the work, the amount of time might B takes to do it?

A - 30 days

B - 35 days

C - 40 days

D - none of these

Answer - A

8. 2 men and 3 ladies can complete a bit of work in 10 days, while 4 men can do it in 10 days. In how long will 3 men and 3 ladies complete it?

A - 6 days

B - 17/3 days

C - 8 days

D - 25/3 day

Answer : C

9. Pooja is twice as efficient as Aarti and takes 90 days less than Aarti to complete the job. Find the time in which they can finish the job together.

a. 30 days
b. 45 days
c. 60 days
d. 90 days

Answer : C

10. 6 men can pack 12 boxes in 7 days by working for 7 hours a day. In how many days can 14 men pack 18 boxes if they work for 9 hours a day?
a. 3.5 days
b. 5 days
c. 7.5 days
d. 12 days

Answer : A