TIME AND WORK

1) A can do a piece of work in 25 days and B can do same work in 50 days. In how many days will A and B does this work together?

a) 75 b) 25 c) 50/3 d) 100/3

OPTION C

2) A and B can do a piece of work in 25 days and B can do same work in 50 days. In how many days will A alone can do the same piece of work?

a)50 b)75 c)25 d)100

OPTION C

3) If A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days will A, B and C will do this work together

a) 10 b) 15 c) 18 d) 12

OPTION A

4) A can do a piece of work in 25 days and B can destroy the same work in 50 days. In how many days will A and B complete the work together

a) 25 b) 75 c) 50 d) 10

OPTION C

5) A and B can do a piece of work in 12 days and A can do same work in 30 days. In how many days B alone can do the 40% of same piece of work?

a) 8 days b) 6 days c) 12 days d) 18 days

OPTION A

6) If A, B and C can do a piece of work in 40, 20 and 120 days respectively. In how many days will A, B and C will do 2/3rd this work together

a) 15 days b) 8 days c) 24 days d)10 days

OPTION B

7) A can do a piece of work in 25 days and B can do same work in 50 days. A started the work alone but after 3 days he left the job. In how many days B will complete the rest of the work

a) 31 b) 41 c) 44 d) 40

OPTION C

8) A can do a piece of work in 45 days and B can do same work in 15 days. B started the work alone but after 5 days he left the job. In how many days A will complete the rest of the work

a) 45 days b) 30 days c) 25 days d) 41/3 days

OPTION B

9) A can do a piece of work in 60 days and B can do same work in 30 days. They started the work together but after 3days A left the job. In how many days B will complete the rest of the work

a) 25days b) 25 ½ days c) 51 days d) 12 days

OPTION B

10) A can do a piece of work in 18 days and B can do same work in 27 days. They started the work together but after 5 days B left the job. In how many days A will complete the rest of the work

a)11 1/3 b)9 2/3 c)12 d)15

OPTION B

11) A can do a piece of work in 120 days and B can do same work in 180 days. They started the work together but after completion of 75% of work, A left the job. In how many days B will complete the rest of the work

a) 30 days b) 45 days c) 60 days d) 75days

OPTION B

12) A can do a piece of work in 20 days and B can do same work in 30 days. They started the work together but after 9 days A left the job. In how many days B will complete the rest of the work

a) 7 ½ days b) 12 ½ days c) 15 days d) 20 days

OPTION A

13) A can do a piece of work in 18 days and B can do same work in 45 days. They started the work together but before 5 days of completion of work A left the job. Find the number of days in which B worked

a) 27 days b) 16 3/7 days c) 54 days d) 30days

OPTION B

14) A can do a piece of work in 54 days and B can do same work in 72 days. They started the work together but before10 days of

completion of work B left the job. Find the number of days in which A worked

a) 175 days b) 35 1/7 days c) 25 days d) 20days

OPTION B

15) A and B together can complete a piece of work in 10 days , B and C together can complete a piece of work in 15 days, C and A together can complete a piece of work in 20 days. In how many days will A, B and C together complete the work

a) 20 days b) 60/13 days c) 120/13 days d) 24 days

OPTION C

16) A and B together can complete a piece of work in 72 days , B and C together can complete a piece of work in 36 days, C and A together can complete a piece of work in 54 days. In how many days will A,B and C together complete the 50% of work

a) 16 8/13 days b) 16 days c) 24 days d) None of these

OPTION A

17) A can do 2/3rd of work in 10 days while B can do 1/5th of work in 3 days. In how many days will they complete this work together?

a)15 b)9 c)7 ½ d)32

OPTION C

18)) A can do 1/3rd of work in 15 days while B can do 1/4th of work in 15 days. In how many days will they complete the 60% this work together

a) 15 days b) 13 days c) 15 3/7days d) 4days

OPTION C

19) A can do a piece of work in 20 days and B can do the same work in 15 days. They started the work together but after few days B left the job. A completed the rest of the work in 8 days .Find the number of days in which B worked

a) 5 1/7 days b) 7 days c) 5 days d) 6 days

OPTION A

20) A can do a piece of work in 180 days and B can do the same work in 240 days. They started the work together but after few days A left the job. B completed the rest of the work in 40 days .Find the number of days in which A worked

a) 600/7 days b) 300/7 days c) 25 days d) 35 days

OPTION A

21) If A and B together can complete the work in X days while A and B alone can complete the same piece of work in (X+12) and (X+3) days respectively. Find the efficiency ratio of A and B

a) 1:2 b) 2:1 c) 1:4 d) 4:1

OPTION A

22) The efficiency ratio of A , B and C is 1:2:3 and the ratio of the time taken by them to complete a work in 2:3:6 find the ratio of amount of their work done

a) 1:2:3 b) 1:3:9 c) 2:3:7 d) 3:4:1

OPTION B

23) 50 men can complete a work in 50 days they started the work together but on after every 10 day 5 men left the job find the

number of days in which the work will be completed

a) 144 days b) 72 days c) 75 days d) 73 1/3 days

OPTION D

24. Pipes P and Q together can fill the tank in 24 minutes and pipes Q and R can fill the tank in 60 minutes and 30 minutes respectively. If pipe P doubles its efficiency and pipe R reduced to half of its efficiency, then find the time taken by pipe P and R together to fill the tank?

A.27 minutes B.40 minutes C.15 minutes D.36 minutes

OPTION C

25. Pipe A and pipe B fill the tank in 30 hours and 20 hours respectively. If pipe A and B together opened simultaneously and after 10 hours Pipe B closed, in how many hour will pipe A take to fill the remaining tank?

A.3 hours B.5 hours C.7 hours D.8 hours

OPTION B

26. Three taps A, B and C can fill a tank 12, 15 and 20 hours respectively. If A is open all the time and B and C are open for one hour each alternatively, The tank will be full in?

A.23 B.14 C.7 D.6

OPTION C

27. In pipe X a tank can fill in 5 minute and anther tank Y can empty the tank in 10 minute. In how many minute the tank will be filled ¾ parts when both pipe is opened and tank already filled ½ part?

A.2.1 B.2.9 C.2.5 D.1.7

OPTION C

28. Two pipes fill the tank in 12 minute and 14 minute respectively. Another pipe empties the same tank in 7 minute. Find in how much part of the tank will fill when all three is opened for 7 minute?

A.5/12 B.1/12 C.1/99 D.1/14

OPTION B

29. A Tank is empty by a pipe in 4 hour. When from another pipe 180 liter water per hour enter the tank then the tank empty in 6 hour. Find the capacity of the tank?

A.2113 B.2160 C.2800 D.1500

OPTION B

30. Pipe M can fill a tank in 28 min. If 1/8 part of the amount of water enter in a tank per minute from pipe M is out from the leakage then find in how many min the tank will be filled?

A.56/5 B.10 C.32 D.10

OPTION C