Welcome to Online Quantitative Aptitude Section with explanation in Ambitious baba. Com. Here we are creating question sample in Time and Work, which is common for IBPS, SBI, RBI, IPPB, SSC, LIC and other competitive exams. We have included Some questions that are repeatedly asked in bank exams!!

**Question 1:** Mohan can do a work in 15 days. After working for 3 days he is joined by Vinod. If they complete the remaining work in 3 more days, in how many days can Vinod alone complete the work?

A. 10 days  
B. 8 days  
C. 5 days  
D. 12 days  
E. 15 days

**Question 2:** Arun can do a certain work in the same time in which Bipasha and Rahul together can do it. If Arun and Bipasha together could do it in 10 days and Rahul alone in 50 days, then Bipasha alone could do it in:

A. 15 days  
B. 20 days
C.25 days  
D.30 days  
E.35 days

**Question 3:** Sekar, Pradeep and Sandeep can do a piece of work in 15 days. After all the three worked for 2 days, Sekar left. Pradeep and Sandeep worked for 10 more days and Pradeep left. Sandeep worked for another 40 days and completed the work. In how many days can Sekar alone complete the work if Sandeep can complete it in 75 days?  
A.25 days  
B.20 days  
C.30 days  
D.35 days  
E.15 days

**Question 4:** Dinesh does 80% of a work in 20 days. He then calls in Gokul and they together finish the remaining work in 3 days. How long Gokul alone would take to do the whole work?  
A.39 days  
B.37 days  
C.37 ½ days  
D.40 days  
E.39 ½ days

**Question 5:** Hari and Vijay can together finish a work in 30 days. They worked together for 20 days and then Vijay left. After another 20 days, Hari finished the remaining work. In how many days Hari alone can finish the work?  
A.45  
B.60  
C.35  
D.50  
E.65

**Question 6:** Madhavan can finish a work in 5 hours. He invites Manohar and Manjima who can work 3/4th as fast as he can to join him. He also invites Mani and Mohan who can work only
1/5th as fast as he can to join him. If the five person team works the same job and they start together, how long will it take for them to finish the job?
A. 50/97 days  
B. 87 days  
C. 50/29 days  
D. 78 days  
E. 62 days  

**Question 7:** A typing work is done by three person P, Q and R. P alone takes 10 hours to type a single booklet but B and C working together takes 4 hours, for the completion of the same booklet. If all of them worked together and completed 14 booklets, then how many hours have they worked?
A. 30hrs  
B. 40hrs  
C. 25hrs  
D. 45hrs  
E. 50hrs  

**Question 8:** Nakul and Ram are working on a production company. Nakul takes 6 hours to make 32 products, while Ram takes 5 hours to make 40 products. How much time will they take, working together to make 110 products?
A. 8 hours  
B. 8 hours 15 minutes  
C. 9 hours  
D. 8 hours 25 minutes  
E. 9 hours 15 minutes  

**Question 9:** Gopal does a work in 90 days, Vikash in 40 days and Santhosh in 12 days. They work one after another for a day each, starting with Gopal followed by Vikash and then by Santhosh. If the total wages received are Rs 360 and Gopal, Vikash, Santhosh share them in the ratio of the work done, find their respective individual wages.
A. Rs 44, Rs 80 and Rs 264
B. Rs 40, Rs 87 and Rs 276  
C. Rs 36, Rs 81 and Rs 243  
D. Rs 42, Rs 86 and Rs 232  
E. Rs 37, Rs 89 and Rs 284  

**Question 10:** When Ashok and Karthik are working alone, they can complete a piece of work in 25 days and 30 days respectively. On day 1, Karthik started the work and Ashok joined B from day 3 onwards. Find approximately after how many days will the work be completed?  
A. 20 days  
B. 10 days  
C. 15 days  
D. 25 days  
E. 30 days  

**Question 11:** P can do 2/5 of the work in 10 days and Q can do 4/5 of the work in 16 days. If both of them start working together then the time in which the work can be done?  
a) 12.1/9 days  
b) 11.1/9 days  
c) 11.2/9 days  
d) 12.4/9 days  
e) None of these  

**Question 12:** A does half as much work as B does in one sixth of the time. If together they take 20 days to complete the work, then what is the time taken by B to complete the work independently?  
a) 80 days  
b) 100 days  
c) 120 days  
d) 140 days  
e) None of these  

**Question 13:** A contractor undertakes to make a mall in 60 days and he employs 30 men. After 30 days it is found that only one-third of the work is completed. How many extra men
should he employ so that the work is completed on time?
  a) 20men
  b) 25men
  c) 30men
  d) 40men
  e) None of these

**Question 14:** 50 men could complete a work in 200 days. They worked together for 150 days, after that due to bad weather the work is stopped for 25 days. How many more workers should be employed so as to complete the work in time?
  a) 25
  b) 35
  c) 50
  d) 60
  e) None of these

**Question 15:** P and Q were assigned to do a work for an amount of 1200. P alone can do it in 15 days while Q can do it in 12 days. With the help of R they finish the work in 6 days. Find the share if C.
  a) 100
  b) 120
  c) 140
  d) 160
  e) None of these

**Question 16:** A can do a work in 32 days. P who is 60 percent more efficient than A. Find how much time they will take together to do the same work?
  a) 150/13 days
  b) 160/13 days
  c) 170/3 days
  d) 190/3 days
  e) None of these

**Question 17:** P does half as much work as Q in three-fourth of the time. If together they take 24 days to complete the work,
how much time shall P take to complete the work?
a) 50 days  
b) 60 days  
c) 70 days  
d) 80 days  
e) None of these

Question 18: X and Y can do a piece of work in 12 and 15 days respectively. They began their work but before 3 days of its completion Y left. In how many days the work will be completed.
a) 6 days  
b) 8 days  
c) 10 days  
d) 12 days  
e) None of these

Question 19: Neha takes 5 hours to type 40 pages while sunil takes 6 hours to type 60 pages. How much time will they take working together on different computer to type an assignment of 180 pages.
a) 5hr  
b) 7hr  
c) 9hr  
d) 11hr  
e) none of these

Question 20: P and Q together can complete a job in 90 days, Q and R takes 60 days to complete the same work and P and R will take 45 days to complete the same work. How much time will P, Q and R will take to complete the work together.
a) 40 days  
b) 42 days  
c) 36 days  
d) 44 days  
e) None of these

Question 21: The work done by a woman in 8 hours is equal to
the work done by a man in 6 hours and by a boy in 12 hours. If working 6 hours per day 9 men can complete a work in 6 days then in how many days can 12 men, 12 women and 12 boys together finish the same work working 8 hours per day?
(a) 4/3 days
(b) 11/3 days
(c) 3 days
(d) 3/2 days
(e) None of these

**Question 22:** A is thrice as good a workman as B and takes 10 days less to do a piece of work than B takes. B alone can do the whole work in

- a) 15 days
- b) 10 days
- c) 9 days
- d) 8 days

**Question 23:** 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) 40 days
- b) 35 days
- c) 30 days
- d) 25 days

**Question 24:** Worker A takes 8 hours to do a job. Worker B takes 10 hours to do a job. How long should it take both A and B, working together to do same job.

- a) 49
- b) 249
- c) 349
- d) 449

**Question 25:** 5 men and 2 boys working together can do four times as much work as a man and a boy. Working capacity of man and boy is in the ratio
Question 26: A piece of work can be done by 6 men and 5 women in 6 days or 3 men and 4 women in 10 days. It can be done by 9 men and 15 women in how many days?
   a) 3 days
   b) 4 days
   c) 5 days
   d) 6 days

Question 27: A can do a piece of work in 15 days and B alone can do it in 10 days. B works at it for 5 days and then leaves. A alone can finish the remaining work in
   a) 5 days
   b) 6 days
   c) 7.5 days
   d) 8.5 days

Question 28: To complete a work A and B takes 8 days, B and C takes 12 days, A,B and C takes 6 days. How much time A and C will take
   a) 24 days
   b) 16 days
   c) 12 days
   d) 8 days

Question 29: A and B can together complete a piece of work in 4 days. If A alone can complete the same work in 12 days, in how many days can B alone complete that work?
   a) 4 days
   b) 5 days
   c) 6 days
   d) 7 days

Question 30: A can do a certain job in 25 days which B alone
can do in 20 days. A started the work and was joined by B after 10 days. The number of days taken in completing the work were ?

a) 1423 kmph
b) 1523 kmph
c) 1623 kmph
d) 1723 kmph

Question 31:
A takes three times as long as B and C together to do a job. B takes four times as long as A and C together to do the same work, If all three, working together can complete the job in 24 days, then the number of days, A alone will take to finish the job is:

a) 100
b) 96
c) 95
d) 90
e) None of these

Question 32: 4 boys and 3 women can do a piece of work in 6 days while 2 boys and 4 women can do the same piece of work in 9 days. How much time will be taken by 7 boys and 9 women to do the same piece of work?

a) 3 days
b) 7 days
c) 8 days
d) 12 days
e) None of these

Question 33: Working alone, Typewriters A, B, C can do a certain typing job, consisting of a large number of pages, in 12, 15 and 18 hours, respectively. What is the ratio of the time it takes Typewriter A to do the job, working alone at its rate, to the time it takes Type writer B and C to do the job, working together at their individual rate?
Question 34: A, B and C can do a piece of work in 4, 7 and 8 days respectively. They undertook to finish the work together for Rs. 53650. Find the difference (in Rs.) between the share of A and that of B.

- a) 10100
- b) 11100
- c) 11650
- d) 12560
- e) None of these

Question 35:
A takes twice as much time as B or thrice as much time as C to finish a piece of work. Working together, they can finish the work in 2 days. B can do the work alone in:

- A. 4 days
- B. 6 days
- C. 8 days
- D. 12 days

Question 36:
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

Question 37:

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

Question 38:

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 together finish the work in:
A. 4 days  
B. 6 days  
C. 8 days  
D. 18 days

**Question 39:**
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

**Question 40:** A can do a piece of work in 10 days, B in 15 days. They work together for 5 days, the rest of the work is finished by C in two more days. If they get Rs. 3000 as wages for the whole work, what are the daily wages of A, B and C respectively (in Rs):

a) 200, 250, 300  
b) 300, 200, 250  
c) 200, 300, 400  
d) None of these

**Question 41:** A, B and C can do a piece of work in 24 days, 30 days and 40 days respectively. They began the work together but C left 4 days before the completion of the work. In how many days was the work completed?

a) 11 days  
b) 12 days  
c) 13 days  
d) 14 days
Question 42: 12 men can complete a work in 8 days. 16 women can complete the same work in 12 days. 8 men and 8 women started working and worked for 6 days. How many more men are to be added to complete the remaining work in 1 day?
   a) 8
   b) 12
   c) 16
   d) 24

Question 43: P can complete a work in 12 days working 8 hours a day. Q can complete the same work in 8 days working 10 hours a day. If both P and Q work together, working 8 hours a day, in how many days can they complete the work?
   a) 60/11
   b) 61/11
   c) 71/11
   d) 72/11

Question 44: 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
   b) 24
   c) 30
   d) 36

Question 45: A works twice as fast as B. If B can complete a work in 18 days independently, the number of days in which A and B can together finish the work is:
   a) 4
   b) 6
   c) 8
   d) 10

Question 46: A can do a certain work in the same time in which B and C together can do it. If A and B together could do it in 20 days and C alone in 60 days, then B alone could do it in:
Question 47: A Contractor employed a certain number of workers to finish constructing a road in a certain scheduled time. Sometime later, when a part of work had been completed, he realised that the work would get delayed by three-fourth of the scheduled time, so he at once doubled the no of workers and thus he managed to finish the road on the scheduled time. How much work he had been completed, before increasing the number of workers?

a) 10%
b) 14(2/7)%
c) 20%
d) 30%

Question 48: A is thrice efficient as B and C is twice as efficient as B. what is the ratio of number of days taken by A,B and C, when they work individually?

a) 2:6:3
b) 2:3:6
c) 1:2:3
d) 3:1:2

Question 49: The ratio of efficiency of A is to C is 5:3. The ratio of number of days taken by B is to C is 2:3. A takes 6 days less than C, when A and C completes the work individually. B and C started the work and left after 2 days. The number of days taken by A to finish the remaining work is:

a) 4
b) 5
c) 6
d) 9

Question 50: \((x-2)\) men can do a piece of work in \(x\) days and \((x+7)\) men can do 75% of the same work in \((x-10)\) days. Then in
how many days can \((x+10)\) men finish the work?

- a) 27
- b) 12
- c) 25
- d) 18

**Question 51:** A is twice efficient as B and together they do the same work in as much time as C and D together. If C and D can complete the work in 20 and 30 days respectively, working alone, then in how many days A can complete the work individually:

- a) 12
- b) 18
- c) 24
- d) 30

**Question 52:** An air conditioner can cool the hall in 40 minutes while another takes 45 minutes to cool under similar conditions. If both air conditioners are switched on at the same instance then how long will it take to cool the room approximately?

- a) 18
- b) 19
- c) 22
- d) 24

**Question 53:** A group of workers was put on a job. From the second day onwards, one worker was withdrawn each day. The job was finished when the last worker was withdrawn. Had no worker been withdrawn at any stage, the group would have finished the job in 55% of the time. How many workers were there in the group?

- a) 50
- b) 40
- c) 45
- d) 10

**Question 54:** Ram starts working on a job and works on it for
12 days and completes 40% of the work. To help him complete the work, he employs Ravi and together they work for another 12 days and the work gets completed. How much more efficient is Ram than Ravi?

a) 50%
b) 200%
c) 60%
d) 100%

**Question 55:** If A and B work together, they will complete a job in 7.5 days. However, if A works alone and completes half the job and then B takes over and completes the remaining half alone, they will be able to complete the job in 20 days. How long will B alone take to do the job if A is more efficient than B?

a) 20 days
b) 40 days
c) 30 days
d) 24 days

**Question 56:** A tank is fitted with 8 pipes, some of them that fill the tank and others that are waste pipe meant to empty the tank. Each of the pipes that fill the tank can fill it in 8 hours, while each of those that empty the tank can empty it in 6 hours. If all the pipes are kept open when the tank is full, it will take exactly 6 hours for the tank to empty. How many of these are filling pipes?

a) 2
b) 4
c) 6
d) 4.5

**Question 57:** A can finish a work in 12 days while B can finish the same work in 15 days. If both work together, then calculate the Time taken to complete the work.

a) 6 2/3 days
b) 6 days
Question 58: As a worker, Ajit is thrice as good as Dev. If both working together can finish the work in 5 days, then determine the Time taken by Ajit to complete the work alone.

a) $\frac{10}{3}$ days
b) 5 days
c) 4 days
d) $\frac{20}{3}$ days

Question 59: A and B can do a work in 12 days, B and C can do the same work in 15 days and A and C can complete the work in 20 days. In how many days A, B and C working together can complete the whole work?

a) 10 days
b) 12 days
c) 8 days
d) 14 days

Question 60: A can finish the work in 16 days while B can finish the work in 8 days. After A started the work alone, B joined him after 4 days. Find out the total Time taken to finish the work.

a) 4 days
b) 8 days
c) 6 days
d) 14 days

Question 61: Amit takes 20 days to complete a certain work. Amit started the work and Suraj joined him 4 days before the work was completed. Find out the number of days for which Amit worked alone if Suraj’s efficiency is 25% more than that of Amit’s.

a) 10 days
b) 8 days
c) 12 days
d) 11 days
Question 62: The ratio of number of days taken by B is to C is 2:3. The ratio of efficiency of A is to C is 5:3. A takes 4 days less than C, when A and C complete the work individually. A, B and C started the work and B & C left after 2 days. The number of days taken by A to complete the remaining work is:

a) 1 day  
b) 2 days  
c) 3 days  
d) 5 days

Question 63: A takes 4 days less than B and 2 days more than C to do a job. A and B together can do the job in the same time as C. Determine the ratio of number of days taken by A and B to complete the job individually.

a) 2:3  
b) (1 + \sqrt{3}): (3 + \sqrt{3})  
c) 1: \sqrt{2}  
d) (1 + \sqrt{3}): (2 + \sqrt{6})

Question 64: Two companies GIL and NCC are working together to build a flyover in Delhi. GIL working on its own would have finished the project in 5 months but working with NCC it is able to finish the project in 4 months. NCC has two teams, one headed by Ramesh and other headed by Sanjeev working on this project. They are doing the same kind of work but efficiency of Sanjeev’s team is 75% of the efficiency of Ramesh’s team. If the total value of the contract for building this flyover is Rs. 35,00,000 then determine the money obtained by Sanjeev’s team.

a) Rs. 4,00,000  
b) Rs. 3,50,000  
c) Rs 2,50,000  
d) Rs. 3,00,000

Question 65: 15 workers working 4 hours a day for 25 days can build a platform of width 120 meters, length 10 meter and height 14 meters. How many days will 12 workers working 5
hours a day will take if they have to build a platform of width 600 meters, length 14 metres and height 12 metres?

a) 150  
b) 130  
c) 125  
d) 120

**Question 66:** 12 Men can complete a project in 15 days and 10 women can complete the same project in 24 days. 9 men start working and after 6 days they are replaced by 12 women. In how many days will 12 women complete the remaining work?

(a) 20  
(b) 10  
(c) 16  
(d) 18  
(e) 14

**Question 67:** Arjun and Suman together can complete an assignment of data entry in 6 days. Suman’s speed is 60% of Arjun’s speed and the total key are 5,76,000. What is Arjun’s speed in key depressions per hour if they work for 12 hours a day?

(a) 4800  
(b) 6400  
(c) 5000  
(d) 7200  
(e) 8400

**Question 68:** There are two taps to fill a tank and a third to empty it. When the third tap is closed, they can fill the tank in 10 min and 12 min, respectively. If all the three taps be opened, the tank is filled in 15 min. If the first two taps are closed, in approximately what time can the third tap empty the when it is full?

(a) 8 min and 34 second  
(b) 9 min and 32 second  
(c) 7 min
Question 69: A is twice as efficient as C. B takes thrice as many days as A. C takes 12 days to finish the work alone. If they work in pairs (i.e., BC, AB, CA) starting with BC on the first day, AB on the second day and AC on the third day and so on, then how many days are required to finish the work?

(a) 31/5 days
(b) 4.5 days
(c) 46/9 days
(d) 8 days
(e) 4 days

Question 70: There are two auto closed pipes X and Y which get closed if there is any disturbance can fill a tank in 10 and 15 hrs. respectively. Both the pipes are opened to fill the tank but when the tank is 1/3 rd full, a leak develops in the tank which results in closing of both pipes. Through the leak one-third water supplied by both the pipes goes out & after it the leak was get closed by some means and both filling pipes again start filling the tank. The total time taken to fill the tank is

(a) 12 hr
(b) 8 hr
(c) 4 hr
(d) 6 hr
(e) 10 hr.

Question 71: A certain number of people were supposed to complete a work in 20 days. The work, however, took 28 days, since 8 people were absent throughout. How many people were supposed to be working originally?

(a) 32
(b) 27
(c) 36
(d) 30
(e) 28
Question 72: X and Y start from the same point and run around a circular stadium, whose circumference is 2800 m, at the rate of 250 m and 350 m per minute respectively in the opposite direction. They will meet each other in
(a) 14/3 min
(b) 16/3 min
(c) 12/5 min
(d) 18/5 min
(e) 11/3 min

Question 73: If 300 men dig a 5.5 m wide, 4 m deep and 405 m long canal in an hour, then how long a canal will 2000 men working for 6 hrs, dig if it is 20 m wide and 16 m deep?
(a) 6452 m
(b) 6682.5 m
(c) 2694.5 m
(d) 4082 m
(e) None of these

Question 74: In an army camp there was sufficient food for 250 soldiers for 30 days. After 20 days 125 soldiers left the camp. For how many extra days will the rest of the food last for the remaining soldiers?
(a) 12 days
(b) 10 days
(c) 8 days
(d) 6 days
(e) 14 days

Question 75: Arun can do a piece of work in 40 days, but Bala can do the same work in 5 days less, than Arun, when working alone. Arun and Bala both started the work together but Bala left after some days and Arun finished the remaining work in 30 days with half of his efficiency but he did the work with Bala with his complete efficiency. For how many days they had worked together?
A. 25/3 days
B. 31/3 days  
C. 35/3 days  
D. 38/3 days  
E. None of these

**Question 76:** Kiran can do a work in 20 days, while Karan can do the same work in 25 days. They started the work jointly. Few days later Suman also joined them and thus all of them completed the whole work in 10 days. All of them were paid total Rs.1000. What is the share of Suman?
A. 200  
B. 400  
C. 100  
D. 300  
E. 500

**Question 77:** 7 Indian and 4 American finish a job in 6 days. 7 African and 3 American finish the same job in 8 days. The efficiency of each person of a particular nationality is same but different from others. One Indian One American and One African will complete the work in:
A. 10 days  
B. 12 days  
C. 24 days  
D. 36 days  
E. None of these

**Question 78:** Chitra is twice efficient as Arun. Bala takes thrice as many days as Chitra. Arun takes 12 days to finish the work alone. If they work in pairs(i.e Arun-Bala, Bala-Chitra, Chitra-Arun) starting with Arun – Bala on the first day, Bala – Chitra on the second day and Chitra – Arun on the third day and so on, then how many days are required to finish the work?
A. 26/9 days  
B. 46/9 days  
C. 16/9 days  
D. 56/9 days
E. None of these

**Question 79:** A work is done by 30 workers not all of them have the same capacity to work. Every day exactly 2 workers, do the work with no pair of workers working together twice. Even after all possible pairs have worked once, all the workers together works for six more days to finish the work. Find the number of days in which all the workers together will finish the work?
A. 22 days  
B. 20 days  
C. 24 days  
D. 35 days  
E. 32 days

**Question 80:** Arun can do a piece of work in 10 days, Bala in 15 days. They work together for 5 days, the rest of the work is finished by Chitra in two more days. If they get Rs. 5000 as wages for the whole work, what are the daily wages of Arun, Bala and Chitra respectively (in Rs)?
A. 600, 400, 500  
B. 200, 300, 400  
C. 500, 300, 400  
D. 600, 500, 300  
E. 400, 300, 200

**Question 81:** A Contractor employed a certain number of workers to finish constructing a building in a certain scheduled time. Some time later, when a part of work had been completed, he realized that the work would get delayed by half of the scheduled time, so he at once doubled the no of workers and thus he managed to finish the building on the scheduled time. How much work he had been completed, before increasing the number of workers?
A. 200/3 %  
B. 100/3 %  
C. 300/3 %  
D. Can’t be determined
Question 82: \((x-2)\) person can do a work in \(x\) days and \((x+7)\) person can do 75% of the same work in \((x-10)\) days. Then in how many days can \((x+10)\) person finish the work?

A. 27 days  
B. 12 days  
C. 25 days  
D. 18 days  
E. None of these

Question 83: The ratio of efficiency of Arun is to Chitra is 5:3. The ratio of number of days taken by Bala is to Chitra is 2:3. Arun takes 6 days less than Chitra, when Arun and Chitra complete the work individually. Bala and Chitra started the work and left after 2 days. The number of days taken by Arun to finish the remaining work is?

A. 4 days  
B. 5 days  
C. 6 days  
D. 9 days  
E. None of these

Question 84: Arun is twice efficient as Bala and together they do the same work in as much time as Chitra and David together. If Chitra and David can complete the work in 20 and 30 days respectively, working alone, then in how many days A can complete the work individually?

A. 12 days  
B. 18 days  
C. 24 days  
D. 30 days  
E. None of these

Question 85: A is twice efficient as B. A and B together do the same work in as much time as C and D can do together. If the ratio of the number of alone working days of C to D is 2:3 and if B worked 16 days more than C then no of days which A worked
alone?
A. 18 Days
B. 20 Days
C. 30 Days
D. 36 Days
E. Cannot be determined

**Question 86:** A can do a piece of work in 40 days B can do the same piece of work in 60 days. A and B started the work together in the first 15 days A worked with 50% of his efficiency, in the next 15 days B worked with 50% of his efficiency. Now in how many days does the remaining work will be completed if both of them work with their full efficiencies?

A. 1 Day
B. 1.5 Days
C. 2 Days
D. 2.5 Days
E. None

**Question 87:** A can do a piece of work in 30 days, B can do in 45 days and C can do same work alone in 60 days. If on the first day A worked alone and on the second day A and B worked together and on the third day A and C worked together. If they repeat the cycle as follows then in how many days total work can be completed?

A. 21 Days
B. 21 7/8 Days
C. 21 5/6 Days
D. 21 4/9 Days
E. None

**Question 88:** Ramu completes 30% of work in 7.5 days. Raju is 50% as efficient as Ramu, Venu is 50% as efficient as Raju. Now Raju and Venu joined with Ramu for the rest of the work then in how many days will take to complete the work?

A. 9 Days
B. 10 Days
Question 89: A can do a piece of work in 21 days. B is 50% more efficient than A. C is twice efficient than B. A started the work alone and worked for some days and left the work then B and C joined together and completed the work in 2 days. Then how many days does A worked alone?
A. 7 Days  
B. 12 Days  
C. 14 Days  
D. 21 Days  
E. None

Question 90: A can do a piece of work in 60 days working 14 hours. B has the same efficiency as of A. A and B started working together. A works 5, 6, 7 and 8 hours respectively on first four days and repeats the cycle again. Then B has to work how many hours daily if they together completed the work in 80 days?
A. 1 Hour  
B. 2 Hours  
C. 3 Hours  
D. 4 Hours  
E. None of these

Question 91: Sruthi, Swetha and Swati together can cut 216 apples of the same size in 3 hours. Number of apples cut by Sruthi in 9 hours is same as the number of apples cut by Swati in 7 hours. In one hour, Swati can cut as many apples more than Swetha as Swetha can cut more than Sruthi. Then the number of apples cut by Swetha in one hour?
A. 21  
B. 24  
C. 27  
D. 29
Question 92: A can type 100 letters in 5 minutes. B and C typing together can type 50 letters in 2 minutes. If all of them working together then can type 90 letters in how many minutes?
A. 2 minutes
B. 4 minutes
C. 5 minutes
D. 10 minutes
E. None

Question 93: If A and B work together can complete a work in 8/5 days. A started the work alone and completed 50% of the work and left the work then B started the work alone and finished the rest of work. They took total 5 days to complete the work. Then in how many days B can complete the work if A is more efficient than A?
A. 1 Day
B. 2 Days
C. 3 Days
D. 4 Days
E. None

Question 94: A piece of work is to be completed in 100 days, 11 Men are employed to do the work it is found that after 50 days only 1/3 rd work is completed. Now additionally how many more Men are to be employed to work to finish the work in time?
A. 5
B. 6
C. 7
D. 11
E. None
Click Here for Solution

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