

# Questions on Time and Work

Total points 45/50 ?

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✓ 1. Amish is 5 times as efficient as Brijesh. Amish can finish the work 60 days earlier than Brijesh. If they work individually, how many days would they take to finish the work? 1/1

- ☐ a. Amish = 10 days; Brijesh = 50 days
- ☒ b. Amish = 15 days; Brijesh = 75 days
- ☐ c. Amish = 20 days; Brijesh = 80 days
- ☐ d. Amish = 20 days; Brijesh = 100 days



✓ 2. Recollecting the progress of an assignment, a group of 24 men said 1/1  
that they finished a project together in 10 days. Find the number of days  
required to complete the same work if 30 men had worked on the same  
project.

- ☐ a. 3 days
- ☐ b. 6 days
- ☐ c. 7.5 days
- ☒ d. 8 days



✓ 3. Working individually, A would finish a project in 3 days. B takes double 1/1  
the time as taken by A, C takes one more day in addition to the time  
taken by B. If all three of them decide to work together on the project,  
how much time would they take to finish it?

- ☐ a. 15/16 Days
- ☐ b. 11/10 Days
- ☒ c. 14/9 Days
- ☐ d. 16/7 Days



✓ 4. Working alone Pramod takes complete April to build a pavement. His 1/1  
friend Kishan is 25% faster than him at the same work. Working alone,  
how many days will Kishan take to build the same pavement?

- ☐ a. 20 days



- ☒ b. 24 days
- ☐ c. 22.5 days
- ☐ d. 37.5 days



✗ 5. If M is asked to work alone on a project, he will require 25 days extra to finish it than the time M and N take to finish it together. However, if N is asked to finish it alone, he will require 1 week and 2 days more to finish it than what M and N would take together. In how many days will M and N finish the project working together? 0/1

- ☐ a. 15 days
- ☒ b. 18 days
- ☐ c. 20 days
- ☐ d. 25 days



Correct answer

- ☒ a. 15 days

✓ 6. A tank has a capacity to hold 1,00,000 Litre of water. Pump A can fill this tank in 8 hrs, Pump B can fill it in 10 hrs. while Pump C can fill it in 12 hrs. The pump man opens all the three pumps at 9 am in the morning but Pump A develops a fault at 11 am and has to be put off. The other two pumps fill the remaining tank. Find the time by the watch when the tank will be completely full. 1/1

- ☐ a. 11:30 AM
- ☐ b. 12 noon
- ☐ c. 12.30 PM
- ☒ d. 01:00 PM



✓ 7. 12 men finish a construction project in 36 days while 12 women finish 75% of the project in same time. How many days would 10 men and 8 women working together would take to complete the project? 1/1

- ☐ a. 6 days
- ☐ b. 12 days
- ☒ c. 27 days
- ☐ d. 34 days



✓ 8. Anand takes a particular number of days to finish a project. Binu can finish the same project in half the time while Charles finishes it in just one-third of the time taken by Anand. Working together, three of them can finish the project in 2 days. How long will Anand take to finish the project alone? 1/1

- ☐ a. 4 days
- ☐ b. 6 days
- ☐ c. 8 days
- ☒ d. 12 days



✓ 9. Archana can weave two-fifths of a fabric in 6 days while her daughter 1/1  
Bernali takes 10 days to weave just one-third of the fabric. If the mother  
and daughter work together, how many days will they take to weave 80%  
of the fabric?

- ☐ a. 4 days
- ☐ b. 5 days
- ☒ c. 8 days
- ☐ d. 10 days



✓ 10. Rehana finishes reading a book in 20 days. Her sister Shabnam is 25% 1/1  
faster than her at reading. How many days will Shabnam take to finish  
reading the same book?

- ☐ a. 15
- ☒ b. 16
- ☐ c. 18
- ☐ d. 25



✓ 11. In a set up two friends Anne and Ben finish a work in 30 days. Ben and Charles take 6 days less the previous set up to finish the same work while Charles and Anne take 10 days less than the said set up to finish the same work. All the three friends work on an assignment for 10 days after which Ben and Charles leave. How many days more required by Anne to finish the remaining assignment alone? 1/1

- ☒ a. 18 days
- ☐ b. 24 days
- ☐ c. 36 days
- ☐ d. 30 days



✓ 12. 16 boys finish painting a building in 15 days while 20 girls take 16 days to finish the same task. Find the ratio of capacities of a boy and a girl. 1/1

- ☐ a. 3 : 4
- ☒ b. 4 : 3
- ☐ c. 5 : 3
- ☐ d. Data inadequate



✓ 13. To complete an assignment in 4 days, we need either 12 men or 15 women. 6 men take the project but stop working after 2 days. How many women will be required to finish the remaining work in 3 days? 1/1

- ☒ a. 15



- ☐ b. 18
- ☐ c. 22
- ☐ d. 27

✓ 14 Given: i. 4 men and 6 boys can finish a job in 8 days. ii. 3 men and 7 boys take 10 days to complete the same job. In how many days will 10 boys complete the job? 1/1

- ☐ a. 35
- ☒ b. 40
- ☐ c. 45
- ☐ d. 50



✓ 15. Reema can complete a piece of work in 12 days while Seema can the same work in 18 days. If they both work together, then how many days will be required to finish the work? 1/1

- ☐ a. 6 days
- ☒ b. 7.2 days
- ☐ c. 9.5 days
- ☐ d. 12 days



✓ 16. If 'A' completes a piece of work in 3 days, which 'B' completes it in 5 days and 'C' takes 10 days to complete the same work. How long will they take to complete the work , if they work together? 1/1

- ☒ a. 1.5 days
- ☐ b. 4.5 days



- ☐ c. 7 days
- ☐ d. 9.8 days

✓ 17. Two painters 'P1' & 'P2' paint the bungalow in 3 days. If P1 alone can paint the bungalow in 12 days, in how many days can 'P2' alone complete the same paint work? 1/1

- ☒ a. 4 days
- ☐ b. 6 days
- ☐ c. 9 days
- ☐ d. 12 days



✓ 18. A & B can make paintings in 6 days, B & C can make those paintings in 10 days. If A, B & C together can finish the work in 4 days, then A & C together will do it in \_\_\_\_\_ days. 1/1

- ☒ a.  $4 \frac{2}{7}$  days
- ☐ b.  $1 \frac{1}{8}$  days
- ☐ c.  $2 \frac{2}{5}$  days
- ☐ d.  $6 \frac{3}{8}$  days



✓ 19. 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. 1/1

- ☐ a. 30 days
- ☐ b. 45 days





☒ c. 60 days



☐ d. 90 days

✓ 20. Monika is twice as good as Sonika and together they complete a piece of work in 20 days. In how many days will Monika alone will finish the work? 1/1

☐ a. 22 days

☒ b. 30 days



☐ c. 37 days

☐ d. 52 days

✓ 21. 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? 1/1

☒ a. 3.5 days



☐ b. 5 days

☐ c. 7.5 days

☐ d. 12 days

✓ 22. 4 men and 5 boys can do a piece of work in 20 days while 5 men and 4 boys can do the same work in 16 days. In how many days can 4 men and 3 boys do the same work? 1/1

☐ a. 10 days

☐ b. 15 days

☒ c. 20 days



☐ d. 25 days

✓ 23. 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? 1/1

☒ A. 18 days



☐ B. 24 days

☐ C. 30 days

☐ D. 36 days

✓ 24. 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 : 1/1

☒ A. 4 days



☐ B. 6 days

☐ C. 8 days

☐ D. 18 days

✓ 25. 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? 1/1

☐ A. 3 : 4



- ☒ B. 4 : 3 ✓
- ☐ C. 5 : 3
- ☐ D. Data inadequate

✓ 26. A and B can do a work in 8 days, B and C can do the same work in 12 days. A, B and C together can finish it in 6 days. A and C together will do it in : 1/1

- ☐ A. 4 days
- ☐ B. 6 days
- ☒ C. 8 days ✓
- ☐ D. 12 days

✓ 27. A can finish a work in 24 days, B in 9 days and C in 12 days. B and C start the work but are forced to leave after 3 days. The remaining work was done by A in: 1/1

- ☐ A. 5 days
- ☐ B. 6 days
- ☒ C. 10 days ✓
- ☐ D. 10 1/2 days

✓ 28. X can do a piece of work in 40 days. He works at it for 8 days and then Y finished it in 16 days. How long will they together take to complete the work? 1/1

- ☒ A. 13 1/3 days ✓
- ☐ B. 15 days



- ☐ C. 20 days
- ☐ D. 26 days

✓ 29. A and B together can do a piece of work in 30 days. A having worked  $\frac{1}{3}$  for 16 days, B finishes the remaining work alone in 44 days. In how many days shall B finish the whole work alone?

- ☐ A. 30 days
- ☐ B. 40 days
- ☒ C. 60 days
- ☐ D. 70 days



✓ 30. A can finish a piece of work in 5 days. B can do it in 10 days. They work together for two days and then A goes away. In how many days will B finish the work?

- ☒ A. 4 days
- ☐ B. 5 days
- ☐ C. 6 days
- ☐ D. 8 days



✓ 31. Pipe A can fill an empty tank in 30 h while B can fill it in 45 h. Pipe A and B are opened and closed alternatively i.e., first pipe A is opened, then B, again A and then B and so on for 1 h each time without any time lapse. In how many hours the tank will be filled when it was empty, initially? 1/1

- ☒ (A) 36
- ☐ (B) 54
- ☐ (C) 48
- ☐ (D) 60



✓ 32. If 10 men or 20 boys can make 260 mats in 20 days, then 8 men and  $4\frac{1}{2}$  boys will make how many mats?

- ☒ (1) 260
- ☐ (2) 240
- ☐ (3) 280
- ☐ (4) 520



✓ 33. 20 men or 24 women can complete a piece of work in 20 days. If 30 men and 12 women under-take to complete the work how much time will they take? 1/1

- ☒ (1) 10 days



- ☐ (2) 12 days
- ☐ (3) 15 days
- ☐ (4) 16 days

✗ 34. 8 days are taken by one man and one woman together to complete the job. A man alone can complete the work in 10 days. In how many days can one woman alone complete the work? 0/1

- ☐ (1) 140/9
- ☐ (2) 30
- ☐ (3) 40
- ☐ (4) 42

✓ 35. 4 men and 6 women can complete a work in 8 days, while 3 men and 7 women can complete it in 10 days. In how many days will 10 women complete it? 1/1

- ☐ (1) 50
- ☐ (2) 45
- ☒ (3) 40
- ☐ (3) 35



✓ A man, a woman and a boy can complete a work in 20 days, 30 days and 60 days respectively. How many boys must assist 2 men and 8 women so as to complete the work in 2 days? 1/1

- ☒ (1) 8
- ☐ (2) 12



☐ (3) 4

☐ (4) 6

✓ 37. Three labourers worked together for 30 days, in the course of work, 1/1 all of them remained absent for few days. One of them was absent for 10 days more than the second labourer and the third labourer did one-third of the total work. How many days more than the third labourer was the first one absent?

☐ [1] 4

☒ [2] 5



☐ [3] 6

☐ [4] cannot be determined

✓ 38. A and B do a work in exactly 16 days, B and C do the same work in 1/1 exactly 12 days while C and A do the same work in about 10 days. If A, B and C can together do the work in integral number of days, then C does the work alone in

☐ [1] 15 days

☒ [2] 16 days



☐ [3] 18 days

☐ [4] none of these



✓ 39. Two persons A and B can do a work alone in 29 days. A takes the rest 1/1 of one day after every 4 days and B takes the rest of one day after every 5 days. If A and B starts working together, then the work will be completed on

- ☐ [1] 15th day
- ☐ [2] 16th day
- ☒ [3] 17th day
- ☐ [4] 18th day



✗ 40. Works W1 and W2 are done by two persons A and B. A takes 80% .../1 more time to do the work W1 alone than he takes to do it together with B. How much percent more time B will take to do the work W2 alone than he takes to do it together with A?

- ☐ [1] 100%
- ☐ [2] 120%
- ☒ [3] 125%
- ☐ [4] can not be determined



No correct answers





✓ 41. A,B and c together earn Rs. 300 a day, while A and C together earn Rs.188 and B and C together earn Rs. 152 a day .What is the daily earning of C? 1/1

☐ [1] Rs.15

☒ [2] Rs.40

☐ [3] Rs.60

☐ [4] Rs.35



✗ 42. A and B together can do a piece of work In 6 days and A alone can do It in 9 day,. In how days B alone do it? 0/1

☒ [1] 15 day

☐ [2] 18 days

☐ [3] 21 days

☐ [4] 20 days



Correct answer

☒ [2] 18 days

✗ 43. A alone can finish a job in 12 days and B alone can do It In 20.days. If they work together and finish it, then the share of A In total wages of Rs100 is 0/1

☐ [1] Rs.56.25



- ☐ [2] Rs.67.50
- ☐ [3] Rs.62.50
- ☐ [4] Rs.50

✓ 44. Two pipes, P and Q can fill a cistern in 12 and 15 minutes respectively. 1/1  
Both are opened together, but at the end of 3 minutes the first is turned off. How much longer will the cistern take to fill completely?

- ☒ [1] 8.25 min
- ☐ [2] 10 min
- ☐ [3] 9 min
- ☐ [4] 8.5 min



✓ 45. A certain number of men can do a work in 60 days. If there were 8 1/1  
more men, it could be finished in 10 days less. How many men are there?

- ☐ [1] 30
- ☐ [2] 50
- ☒ [3] 40
- ☐ [4] 42



✓ 46. Samtaprasad can do a piece of work in 50 days. He worked only for 5 1/1  
days and was infected with Malaria and had to leave the job.  
Shantaprasad completed the remaining work in 30 days. The number of  
days, in which both together can complete the work is

- ☐ [1] 22 days
- ☒ [2] 20 days



☐ [3] 25 days

☐ [4] 27 days

✓ 47. 25 days of Ram's wages can be paid by a certain sum of money. The same amount of money is sufficient to pay Badriprasad's wages for 20 days. The number of days for which the money will be sufficient to pay the wages of both if they work together is 1/1

☐ [1] 10 days

☐ [2] 11 days

☒ [3]  $100/9$  days



☐ [4]  $110/9$  days

✓ 48. Gagan is thrice as good a worker as Dilip and takes 8 days less to do a piece of work than Dilip. In how many days can Dilip do the complete work? 1/1

☐ [1] 4 days

☐ [2] 24 days

☒ [3] 12 days



☐ [4] 18 days

✓ 49. Billy is four times as good a workman as Silly and can build a wall in 45 days less than the number of days required by Silly. What is the time they will take, working together, to build two such walls? 1/1

☐ [1] 12 days



☒ [2] 24 days



☐ [3] 9 days

☐ [4] 18 days

✓ 50. X men can finish a job in 40 days. If 5 extra Men join them, the job takes 10 days less. What is the value of X? 1/1

☒ [1] 15



☐ [2] 20

☐ [3] 10

☐ [4] 18

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