

# 'IBPS PO' PDF

*by:*



**25 important questions of Time & Work  
(Quantitative Aptitude)**

1. A certain number of men can finish a piece of work in 100 days. If however, there were 10 men less, it would take 10 days more for the work to be finished. How many men were there originally?
  - A. 100
  - B. 82
  - C. 75
  - D. 110
  - E. 95
  
2. 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 is \_\_\_\_\_.
  - A. 18 days
  - B. 6 days
  - C. 8 days
  - D. 4 days
  - E. None of these
  
3. Efficiency of Ravi and Mayank of doing the same work is 3 : 2. If they together can complete a work in 18 days, then in how many days Ravi can complete the work alone?
  - A. 45
  - B. 30
  - C. 24
  - D. 40
  - E. None of these
  
4. A builder decided to build a building in 20 days. He employed 100 men in beginning and 50 more after 15 days and completed the construction in stipulated time. If he had not employed the additional men, how many days behind schedule would it have been finished?
  - A. 5 days
  - B. 7 days
  - C. 10 days
  - D.  $\frac{5}{2}$  days
  - E. None of these
  
5. 8 men working for 9 hours a day complete a piece of work in 20 days. In how many days can 7 men working for 10 hours a day complete the same piece of work?
  - A. 21 days
  - B.  $20\frac{3}{5}$  days
  - C.  $20\frac{4}{7}$  days
  - D.  $21\frac{3}{7}$  days
  - E. None of these

6. Wages of 10 women for 5 days is Rs.1250. The daily wage of a man is twice that of a woman. How many men must work for 8 days to earn Rs.1600?
- A. 5 men
  - B. 8 men
  - C. 4 men
  - D. 6 men
  - E. None of these
7. Alok is twice as good a workman as Dinesh. Alok can finish a piece of work in 60 days less than Dinesh. In how many days will they together be able to do the work?
- A. 30 days
  - B. 40 days
  - C. 50 days
  - D. 55 days
  - E. None of these
8. A and B finish a work together in 30 days, they worked for it for 20 days and then B left. The remaining work was done by A alone in 20 more days. B alone can finish the work in \_\_\_\_\_.
- A. 50 days
  - B. 5 days
  - C. 60 days
  - D. 48 days
  - E. 35 days
9. If 3 men or 4 women can plough a field in 43 days, how long will 7 men and 5 women take to plough it?
- A. 5 days
  - B. 10 days
  - C. 11 days
  - D. 9 days
  - E. 12 days
10. A does half as much work as B in one sixth of the time. If together they take 10 days to complete a work, how much time shall B take to do it alone?
- A. 70 days
  - B. 30 days
  - C. 40 days
  - D. 50 days
  - E. None of these
11. If 72 men can build a wall 280m long in 21 days. How many men will take 18 days to build a similar type of wall of length 100m?
- A. 30
  - B. 20

- C. 10  
D. 18  
E. 28
12. A certain number of men can do a work in 60 days. If there were 8 men more it could be finished in 10 days less. How many men were there in the beginning?  
A. 50 men  
B. 45 men  
C. 42 men  
D. 40 men  
E. None of these
13. 25 men finish a task in 32 hr, while 30 women complete it in 40 hr. If 40 men and 60 women are allocated the task, how many hours will they take to finish?  
A. 20 hr  
B. 24 hr  
C. 15 hr  
D. 10 hr  
E. None of these
14. A and B can complete a piece of work in 30 days, B and C in 20 days, while C and A in 15 days. If all of them work together, the time taken in completing work will be  
A. 10 day  
B. 12 day  
C.  $12\frac{2}{3}$  day  
D.  $13\frac{1}{3}$  day  
E. None of these
15. 5 men can prepare 10 toys in 6 days working 6 hours a day. Then in how many days can 12 men prepare 16 toys working 8 hrs a day?  
A. 5 days  
B. 3 days  
C. 4 days  
D. 6 days  
E. None of these
16. A and B, working separately, can mow a field in 12 and 15 hours respectively. They work alternately, each for one hour, with A beginning at 5 a.m. At what time will the mowing be completed?  
A. 5:30 pm  
B. 4:30 pm  
C. 6:30 pm  
D. 6:30 am  
E. None of these

17. A contractor decided to build a road in 40 days. He employed 100 workers in the beginning and 100 more after 35 days and completed the construction in stipulated time. If he had not employed the additional workers, how many days behind schedule would it have been finished?
- A. 5 days
  - B. 4 days
  - C. 7 days
  - D. 12 days
  - E. None of these
18. If 3 men with 4 boys can earn 2100 in 7 days and 11 men with 13 boys can earn Rs. 8300 in 8 days, in what time will 7 men with 9 boys earn Rs. 11000?
- A. 16 days
  - B. 18 days
  - C. 14 days
  - D. 20 days
  - E. None of these
19. A and B together can complete a work in 8 days and B and C together in 12 days. All of them together can complete the work in 6 days. In how much time will A and C together complete the work?
- A. 8 days
  - B. 10 days
  - C. 12 days
  - D. 20 days
  - E. None of these
20. Two men A and B working-together complete a piece of work which it would have taken them respectively 12 and 18 days to complete if they worked separately. They received in payment Rs. 149.25. Find their shares.
- A. Rs. 89.55, Rs. 59.70
  - B. Rs. 90.55, Rs. 58.70
  - C. Rs. 91.55, Rs. 57.70
  - D. Can't be determined
  - E. None of these
21. A is 30% more efficient than B. How much time working together will they take to complete a job, if A alone could have done in 23 days?
- A. 11 days
  - B. 13 days
  - C.  $20\frac{3}{17}$
  - D. 18 days
  - E. None of these

22. A, B and C undertake to do a work for Rs. 480. A and B together do  $\frac{1}{4}$  of the work and rest is done by C alone. How much should C get?
- A. Rs. 360
  - B. Rs. 120
  - C. Rs. 240
  - D. Rs. 180
  - E. None of these
23. A can complete a work in 10 days, B in 12 days and C in 15 days. All of them began the work together; but A had to leave the work after 2 days of the start and B, 3 days before the completion of the work. How long did the work last?
- A. 7 days
  - B. 8 days
  - C. 10 days
  - D. 12 days
  - E. None of these
24. A and B together can complete a piece of work in 24 days; B and C together in 30 days; and C and A together in 40 days. How many days will each take separately to complete the same work?
- A. 60, 40, 120
  - B. 40, 20, 60
  - C. 120, 60, 80
  - D. Can't be determined
  - E. None of these
25. Two men undertake to do a piece of work for Rs.200. One alone could do it in 6 days, the other in 8 days. With the assistance of a boy they finish it in 3 days. How much money should be given to the boy?
- A. Rs.20
  - B. Rs.25
  - C. Rs.45
  - D. Rs.65
  - E. None of these

1. (D)	2. (D)	3. (B)	4. (D)	5. (C)	6. (C)	7. (B)	8. (C)	9. (E)
10. (C)	11. (A)	12. (D)	13. (D)	14. (D)	15. (B)	16. (E)	17. (A)	18. (A)
19. (A)	20. (A)	21. (B)	22. (A)	23. (A)	24. (A)	25. (B)		

