



Date: 04-10-2016

Name of the Student:

Roll No:

Department & Class:

Time Duration: 20 min

EMPLOYABILITY TEST - 4

I. Choose the correct alternative:

1. Two persons Kamal and Vimal together can complete a piece of work in 9 days. Vimal alone can do that work in 36 days. In how many days can Kamal alone complete that work? []

1. 16 days 2. 18 days 3. 12 days 4. 24 days 5. none of these

2. 72 men can complete a piece of work in 48 days. In how many days can 54 men finish the same work?

1. 46 days 2. 68 days 3. 32 days 4. 64 days 5. none of these []

3. A and B can do a piece of work in 12 days. B and C in 15 days and A and C in 20 days. In what time can A, B, C together complete it? []

1. 5 days 2. 12 days 3. 20 days 4. 4 days 5. none of these

4. If 5 men and 2 boys working together can do 4 times as much work as per hour as a man and a boy together, compare the work of a man with that of a boy? []

1. 2:1 2. 3:1 3. 4:1 4. data inadequate 5. none of these

5. A can do a piece of work in 12 days. B is 60% more efficient than A. In how many days B alone finish the work? []

1. $7\frac{1}{5}$ days 2. $7\frac{1}{2}$ days 3. $9\frac{1}{5}$ days 4. 16 days 5. none of these

6. A can do the work in 80 minutes and B in 120 minutes. In what time A and B together can complete that work? []

1. 48 min 2. 40 min 3. 20 min 4. 60 min 5. none of these

7. A can do $\frac{3}{4}$ of the work in 12 days and B completes the remaining work in 5 days. In how many days A and B working together will finish that work? []

1. $8\frac{1}{9}$ days 2. 12 days 3. $9\frac{1}{8}$ days 4. $8\frac{8}{9}$ days 5. none of these

8. A can do a piece of work in 30 days. He worked for 6 days and then he was joined by B and the remaining work was completed by them in 12 days. In how many days can B alone do the whole work? []

1. 10 days 2. 20 days 3. 30 days 4. 40 days 5. none of these

9. 8 men can complete a piece of work in 20 days. 8 women can complete the same piece of work in 32 days. In how many days will 5 men and 8 women together complete the same work? []

1. 16 days 2. 12 days 3. 14 days 4. 10 days 5. none of these

10. 2 men can complete a piece of work in 6 days. 2 women can complete the same piece of work in 9 days, whereas 3 children can complete the same piece of work in 8 days. 3 women and 4 children worked together for 1 day. If only men were to finish the remaining work in 1 day, how many men required? []

1. 4 2. 8 3. 6 4. cannot be determined 5. none of these

11. Abhishek can finish a work in 15 days, Karan in 18 days and Bhargava in 20 days. Karan and Bhargava start the work together and are forced to leave after 4 days. Then what is the time taken to finish the remaining work? []

1. $9\frac{2}{3}$ 2. $8\frac{2}{3}$ 3. $10\frac{2}{3}$ 4. $7\frac{2}{3}$ 5. none of these



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12. A can do a piece of work in 10 days and B in 20 days. They work together but 2 days before the completion of the work, A leaves. In how many days was the work completed? []

1. 6 2. 10 3. 9 4. 8 5. none of these

13. A can do a piece of work in 36 days, B in 54 days and C in 72 days. All the three began the work together but A left 8 days and B 12 days before the completion of the work. How many days in all did C put in till the entire work was finished? []

1. 24 days 2. 28 days 3. 20 days 4. 32 days 5. none of these

14. A can do a piece of work in 30 days, B and C together can do the same work in 20 days. A and B worked together and completed $\frac{2}{3}$ of the work in 12 days. How many days will be required by C to complete the remaining work? []

1. 13 days 2. 11 days 3. 12 days 4. 10 days 5. none of these

15. A can do a piece of work in 15 days and B in 20 days. How much time will they take to complete the work on alternate days, starting with A? []

1. 16 2. 18 3. 17 4. 19 5. none of these

16. A man covers a distance of 675 km, His speed for the first half is 80 kmph and for the remaining distance it is 120 kmph. What is his average speed for the entire distance? []

1. 100 kmph 2. 95 kmph 3. 90 kmph 4. 96 kmph 5. none of these

17. If a car travels at $\frac{5}{8}$ of its original speed, it takes 12 minutes more time to cover a certain distance. Find the actual time it takes to cover that distance? []

1. 36 min 2. 24 min 3. 18 min 4. 20 min 5. none of these

18. A man covers 220 km in 8 hours and another 300 km at an average speed of 60 kmph. Find the average speed of the man for the total distance? []

1. 43.75 kmph 2. 55 kmph 3. 45 kmph 4. 40 kmph 5. none of these

19. A man goes from his house to office in a car. If his speed is 60 kmph, he reaches his office 3 minutes late however if his speed is 80 kmph he is early by 5 minutes. Find the distance between his house and office? []

1. 32 km 2. 25 km 3. 60 km 4. 70 km 5. none of these []

20. A car takes 5 hours to cover a distance of 30 km. How much should the speed in kmph be maintained to cover the same distance in $\frac{4}{5}$ of the previous time? []

1. 50 kmph 2. 60 kmph 3. 45 kmph 4. 75 kmph 5. none of these

ALL THE BEST



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ET4_Key

- 1. Answer:** Option 3
- 2. Answer:** Option 4
- 3. Answer:** Option 5
- 4. Answer:** Option 1
- 5. Answer:** Option 2
- 6. Answer:** Option 1
- 7. Answer:** Option 4
- 8. Answer:** Option 3
- 9. Answer:** Option 1
- 10. Answer:** Option 2
- 11. Answer:** Option 2
- 12. Answer:** Option 4
- 13. Answer:** Option 1
- 14. Answer:** Option 3
- 15. Answer:** Option 3
- 16. Answer:** Option 4
- 17. Answer:** Option 4
- 18. Answer:** Option 4
- 19. Answer:** Option 1
- 20. Answer:** Option 4