

Basic Mathematics Quiz 004 (Work)

1. 10 men can complete a piece of work in 15 days and 15 women can complete the same work in 12 days. If all the 10 men and 15 women work together, in how many days will the work will be completed?

- A) $6\frac{2}{3}$ days
- B) $8\frac{1}{3}$ days
- C) $7\frac{2}{3}$ days
- D) None of these

2. A can do a piece of work in 30 days while B can do it in 40 days. A and B working together can do it in

- A) $15\frac{2}{7}$ days
- B) $17\frac{1}{7}$ days
- C) $18\frac{3}{7}$ days
- D) None of these

3. A, B and C can complete a piece of work in 6, 12 and 24 days. They altogether will complete the work in

- A) $5\frac{2}{7}$ days
- B) $4\frac{3}{7}$ days
- C) $3\frac{3}{7}$ days
- D) None of these

4. Sita takes twice as much time as Gita to complete a work and Rita does it in the same time as Sita and Gita together. If all three working together can finish the work in 6 days, then the time taken by each of them to finish the work is

- A) 18, 36, and 12 days
- B) 20, 38 and 14 days
- C) 24, 42 and 18 days
- D) None of these

5. 5 men can complete a work in 2 days, 4 women can complete the same work in 3 days and 5 children can do it in 3 days. 1 man, 1 woman and 1 child, working together, can complete the work in
- A) 6 days
 - B) 4 days
 - C) 8 days
 - D) None of these
6. A and B can complete piece of work in 6 days and A alone can complete it in 9 days. The time taken by B alone to complete the work is
- A) 20 days
 - B) 18 days
 - C) 24 days
 - D) None of these
7. A and B can complete a piece of work in 18 days; B and C in 24 days; C and A in 36 days. A alone can complete the work in
- A) 48 days
 - B) 56 days
 - C) 40 days
 - D) None of these
8. A is twice as good a workman as B. Working together they finish a piece of work in 1 day. A alone can finish the work in
- A) 28 days
 - B) 21 days
 - C) 24 days
 - D) None of these
9. 10 men can cut 15 trees in 2 hours. If 2 men leave the job, then many trees will be cut in 3 hours?
- A) 20 trees
 - B) 18 trees
 - C) 24 trees
 - D) None of these
10. A can complete a piece of work in 40 days. He starts working, but having some other engagements leaves after 5 days. Thereafter, B completes this work in 21 days. How many days would A and B take to complete this work working together?
- A) 15 days
 - B) 16 days

C) 17 days

D) 11 days

Answer Keys

| Question | Answer |
|----------|--------|
| 1 | A |
| 2 | B |
| 3 | C |
| 4 | A |
| 5 | B |

| Question | Answer |
|----------|--------|
| 6 | B |
| 7 | A |
| 8 | B |
| 9 | B |
| 10 | A |