

Time and Work

1. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?
- A. 12 days
 - B. 15 days
 - C. 16 days
 - D. 18 days

Answer: Option B

2. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?
- A. Rs. 375
 - B. Rs. 400
 - C. Rs. 600
 - D. Rs. 800

Answer: Option B

3. If 6 men and 8 boys can do a piece of work in 10 days while 26 men and 48 boys can do the same in 2 days, the time taken by 15 men and 20 boys in doing the same type of work will be
- A. 4 days
 - B. 5 days
 - C. 6 days
 - D. 7 days

Answer: Option A

4. A can do a piece of work in 4 hours; B and C together can do it in 3 hours, while A and C together can do it in 2 hours. How long will B alone take to do it?
- A. 8 hours
 - B. 10 hours
 - C. 12 hours
 - D. 24 hours

Answer: Option C

5. A does 80% of a work in 20 days. He then calls in B and they together finish the remaining work in 3 days. How long B alone would take to do the whole work?
- A. 23 days
 - B. 37 days
 - C. $37\frac{1}{2}$ days
 - D. 40 days

Answer: Option C

Problems on Ages

1. The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?
- A. 4 years
 - B. 8 years
 - C. 10 years
 - D. None of these

Answer: Option A

2. A father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:
- A. 14 years
 - B. 19 years
 - C. 33 years
 - D. 38 years

Answer: Option A

3. Present ages of Sameer and Anand are in the ratio of 5 : 4 respectively. Three years hence, the ratio of their ages will become 11 : 9 respectively. What is Anand's present age in years?
- A. 24
 - B. 27
 - C. 40
 - D. Cannot be determined
 - E. None of these

Answer: Option A

4. A man is 24 years older than his son. In two years, his age will be twice the age of his son. The present age of his son is:

- A. 14 years
- B. 18 years
- C. 20 years
- D. 22 years

Answer: Option D

5. Sachin is younger than Rahul by 7 years. If their ages are in the respective ratio of 7 : 9, how old is Sachin?

- A. 16 years
- B. 18 years
- C. 28 years
- D. 24.5 years

Answer: Option D