General Aptitude
Quantitative Aptitude
Time & Work, Chain Rule

DPP-05

1. 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) 10
(c) 18 (d) 28

2. A takes twice as much time as B or thrice as much time as C to finish a piece of work. Working together, they can finish the work in 2 days. B can do the work alone in

(a) 12 days (b) 4 days
(c) 8 days (d) 6 days

3. A contractor undertook to finish a certain work in 124 days and employed 120 men on it. After 64 days, he found that he had already done 2/3rd of the work. How many men he can discharge now so that the work may finish in time.

(a) 24 (b) 56
(c) 64 (d) 80

4. A can do 3/4th of a work in 12 days. In how many days can he finish 1/8th of work?

(a) 1 day (b) 2 days
(c) 4 days (d) 8 days

5. Peter does 75% of work in 12 days. He then calls Charlie for help and they both complete the rest of the work in 3 days. How many days would Charlie have taken to complete the work alone?

(a) 18 days (b) 24 days
(c) 72 days (d) 48 days

6. If A is twice as good workman as B and therefore is able to finish a job in 40 days less than B, how many days will it take to finish the same job if A and B work together?

(a) $28\frac{1}{2}$ days (b) 40 days
(c) $26\frac{2}{3}$ days (d) 22 days

7. Worker 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 ₹4000. With the help of worker C, they completed the work in 3 days. How much money will be given to C?

(a) ₹ 500 (b) ₹ 350
(c) ₹ 400 (d) ₹ 600

8. A and B can do a job together in 7 days. A is $1\frac{3}{4}$ times as efficient as B. How long does it take for A to do it alone?

(a) $9\frac{1}{3}$ days (b) 11 days
(c) $15\frac{1}{2}$ days (d) $17\frac{1}{3}$ days

9. A and B can do a work in 10 and 12 days. They start the work and B leaves after three days. If daily wages are Rs. 20 for each how much does A get?

(a) 150 (b) 90
(c) 100 (d) 130

10. 12 men can do a work in 15 days working 8 hours a day. In how many days can 9 men do the same work, working 10 hours a day?

(a) 10 (b) 16
(c) 18 (d) 24

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Answer Key

1. **(a)**
2. **(d)**
3. **(b)**
4. **(b)**
5. **(d)**
6. **(c)**
7. **(a)**
8. **(b)**
9. **(a)**
10. **(b)**

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