QUANTITATIVE APTITUDE
CAREER SUCCESS
OPP SCIENCE CLG CANAL ROAD JAMMU
#9419145317

YOUTUBE ID: CAREERSUCCESS
INSTA ID: CAREERSUCCESSJAMMU

TOPIC: - TIME AND WORK

PRACTICE SET

1. Tapas work twice as fast as Mihir. If both of them together complete a work in 12 days, Tapas alone can complete it in:
   a) 15 days
   b) 18 days
   c) 20 days
   d) 24 days

2. 2 men and 3 women together or 4 men can complete a piece of work in 20 days. 3 men and 3 women will complete the same work in:
   a) 12 days
   b) 16 days
   c) 18 days
   d) 19 days

3. 20 men or 24 women can complete a piece of work in 20 days . If 30 men and 12 women under take to complete the work, the work will be completed in:
   a) 10 days
   b) 12 days
   c) 15 days
   d) 16 days

4. Twenty women together can complete a piece of work in 16 days, 16 men together can complete the same work in 15 days. The ration of the working capacity of a man to that of women is:
   a) 3:4
   b) 4:3
   c) 5:3
   d) 4:5

5. 2 men and 3 women can do piece of work in 10days while 3 men and 2 women can do the same work in 8 days. Then, 2 men and 1 women can do this same work in:
   a) 12 days
   b) $12\frac{1}{2}$ days
   c) 13 days
   d) $13\frac{1}{2}$ days

6. 5 men and 2 women working together can do 4 times as much work per hour as a man and a woman together. The work done by a man and a woman should be in ratio:
   a) 1:2
   b) 2:1
   c) 1:3
   d) 4:1

7. Either 8 men or 17 woman can paint a house in 33 days. The number of days required to paint three such houses by 12 men and 24 women working at the same rate is:
   a) 44 days
   b) 43 days
   c) 34 days
   d) 66 days

8. 3 men and 4 boys can complete a piece of work in 12 days. 4 man and 3 boys can do the same work in 10days. Then 2 men and 3 boys can finish the work in?
   a) $17\frac{1}{2}$ days
   b) $5\frac{15}{11}$ days

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c) 8 days
d) 22 days

9. If 8 men or 12 boys can do a piece of work in 16 days., the number of days required to complete the work by 20 men and 6 boys is:

a) $5\frac{1}{3}$ days

b) $6\frac{1}{3}$ days

c) $8\frac{1}{3}$ days

d) $7\frac{1}{3}$ days

10. If 10 men and 20 women or 40 children can do a piece of work in 7 months, then 5 men, 5 women and 5 children together can do the work in:

a) 6 months
b) 4 months
c) 5 months
d) 8 months

11. 2 men and 3 boys can do a piece of work in 10 days while 3 men and 2 boys can do the same work in 8 days. In how many days can a men and 1 boy do the work?

a) 8 days
b) 7 days
c) $12\frac{1}{2}$ days
d) 2 days

12. A man a woman and a boy together can finish a piece of work in 6 days. If a man and a woman can do the work in 10 and 24 days respectively. The days taken by a boy to finish the work is:

a) 30 days
b) 35 days
c) 8 days
d) 45 days

13. If 40 men or 60 women or 80 children can do a piece of work in 6 months, then 10 men, 10 women and 10 children together do the work in

a) $5\frac{6}{13}$ months

b) 6 months

c) $5\frac{7}{13}$ months

d) $11\frac{1}{13}$ months

14. Two workers A and B working together completed a job in 5 days. If A had worked twice as efficiently as he actually completed in 3 days. To complete the job alone, A would require.

a) $5\frac{1}{5}$ days

b) $61\frac{1}{4}$ days

c) $7\frac{1}{2}$ days

d) $8\frac{3}{4}$ days

15. One man or two women or three boys can do a piece of work in 88 days. one man, one woman and one boy will do it in

a) 44 days
b) 24 days
c) 48 days
d) 20 days

SOLUTIONS

1. b
2. b
3. a
4. b
5. b
6. b
7. c
8. a
9. a
10. d
11. c
12. c
13. d
14. c
15. c