

<b>Started on</b>	Thursday, 28 December 2023, 4:33 PM
<b>State</b>	Finished
<b>Completed on</b>	Thursday, 28 December 2023, 4:58 PM
<b>Time taken</b>	25 mins
<b>Marks</b>	7.00/25.00
<b>Grade</b>	<b>2.80</b> out of 10.00 ( <b>28%</b> )

**Question 1**

Incorrect

Mark 0.00 out of 1.00

A and B can do a work in 4 hours and 12 hours respectively. A starts the work at 6 AM and they work alternately for one hour each. When will the work be completed?

Select one:

☒ 7 days

☐ 5 days

☐ 6 days

☒ 4 days ✖

The correct answer is:

5 days

**Question 2**

Incorrect

Mark 0.00 out of 1.00

12 men complete a work in 9 days. After they have worked for 6 days, 4 more men join them. How many days will they take to complete the remaining work?

Select one:

☒ 2.25 days ✖

☐ 2 days

☐ 2.5 days

☐ 3 days

The correct answer is:

2.5 days

**Question 3**

Incorrect

Mark 0.00 out of 1.00

A and B together can do a piece of work in 40 days. A having worked for 20 days, B finishes the remaining work alone in 60 days. In How many days shall B finish the whole work alone?

Select one:

- ☐ 80
- ☒ 90 ✖
- ☐ 70
- ☐ 60

The correct answer is:  
60

**Question 4**

Correct

Mark 1.00 out of 1.00

A is 30% more efficient than B. How much time will they, working together, take to complete a job which A alone could have done in 23 days?

Select one:

- ☐ 9 days
- ☐ 11 days
- ☐ 15 days
- ☒ 13 days ✔

The correct answer is:  
13 days

**Question 5**

Incorrect

Mark 0.00 out of 1.00

A can do a piece of work in 10 days; B in 15 days. They work for 5 days. The rest of the work was finished by C in 2 days. If they get Rs.5,000 for the whole work, the daily wages of B and C are

Select one:

- ☒ 300 ✖
- ☐ 250
- ☐ 150
- ☐ 225

The correct answer is:  
150

**Question 6**

Incorrect

Mark 0.00 out of 1.00

A book contains 120 pages. Each page has 35 lines. How many pages will the book contain if every page has 24 lines per page?

Select one:

- ☐ 175 pages
- ☒ 180 pages ✖
- ☐ 170 pages
- ☐ 185 pages

The correct answer is:  
175 pages

**Question 7**

Incorrect

Mark 0.00 out of 1.00

210 men working 12 hours a day can finish a job in 18 days. How many men are required to finish the job in 20 days working 14 hours a day?

Select one:

- ☐ 168 men
- ☐ 162 men
- ☒ 172 men ✖
- ☐ 156 men

The correct answer is:  
162 men

**Question 8**

Incorrect

Mark 0.00 out of 1.00

A and B together can do a piece of work in 16 days and A alone can do it in 48 days. How long will B alone take to complete the work?

Select one:

- ☐ 28 days
- ☐ 30 days
- ☒ 18 days ✖
- ☐ 24 days

The correct answer is:  
24 days

**Question 9**

Incorrect

Mark 0.00 out of 1.00

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?

Select one:

- ☐ 400
- ☐ 800
- ☒ 600 ✖
- ☐ 375

The correct answer is:  
400

**Question 10**

Incorrect

Mark 0.00 out of 1.00

A and B can do a piece of work in 12 days. B and C in 15 days, C and A in 20 days. In how many days B will take to finish it together and separately?

Select one:

- ☐ 20 days
- ☒ 25 days ✖
- ☐ 35 days
- ☐ 30 days

The correct answer is:  
30 days

**Question 11**

Incorrect

Mark 0.00 out of 1.00

A can complete a work in 12 days. B can complete a work in 20 days. A and B together work for 3 days after that A left the work. B can complete the remaining work in

Select one:

13 days

- ☐ 9 days
- ☒ 11 days ✖
- ☐ 12 days

The correct answer is:  
12 days

**Question 12**

Incorrect

Mark 0.00 out of 1.00

A is thrice as good as workman as B and therefore is able to finish a job in 60 days less than B. Working together, they can do it in:

Select one:

- ☐ 30 days
- ☐ 20 days
- ☒  $22\frac{1}{2}$  days ✖
- ☐ 25 days

The correct answer is:  
30 days

**Question 13**

Correct

Mark 1.00 out of 1.00

A and B can do a piece of work in 15 and 20 days. If they work at it on alternate days with A beginning in how many days, the work will be finished?

Select one:

- ☐ 9 days
- ☐ 11 days
- ☐ 10 days
- ☒ 8 days ✔

The correct answer is:  
8 days

**Question 14**

Correct

Mark 1.00 out of 1.00

Two pipes can fill a tank in 30 minutes and 40 minutes separately. Third pipe can empty the tank in 24 minutes. If all the pipes kept open then tank can be filled in

Select one:

- ☐ 45 min
- ☐ 70 min
- ☒ 60 min ✔
- ☐ 50 min

The correct answer is:  
60 min

**Question 15**

Correct

Mark 1.00 out of 1.00

12 men can complete a work in 36 days. In how many days will 18 men finish the same work?

Select one:

- ☐ 14
- ☒ 24 ✓
- ☐ 26
- ☐ 54

The correct answer is:  
24

**Question 16**

Incorrect

Mark 0.00 out of 1.00

A is thrice efficient as B and C is twice as efficient as B. what is the ratio of number of days taken by A, B and C, when they work individually?

Select one:

- ☐ 2:3:6
- ☐ 2:6:3
- ☒ 1:2:3 ✗
- ☐ 3:1:2

The correct answer is:  
3:1:2

**Question 17**

Incorrect

Mark 0.00 out of 1.00

Three men A, B and C can complete a job in 8, 12 and 16 days respectively. A and C work together for 2 days then C leaves and B joins. In how many days can A and B finish the work?

Select one:

- ☒ 4 ✗
- ☐ 3
- ☐ 5
- ☐ 1

The correct answer is:  
3

**Question 18**

Incorrect

Mark 0.00 out of 1.00

P and Q can complete a job in 24 days working together. P alone can complete it in 32 days. Both of them worked together for 8 days and then P left. The number of days Q will take to complete the remaining work is

Select one:

- ☐ 56 days
- ☐ 64 days
- ☒ 54 days ✖
- ☐ 60 days

The correct answer is:  
60 days

**Question 19**

Correct

Mark 1.00 out of 1.00

P is 30% more efficient than Q. How much time will they, working together, take to complete a job which P alone could have done in 23 days?

Select one:

- ☒ 12 days ✔
- ☐ 15 days
- ☐ 16 days
- ☐ 13 days

The correct answer is:  
12 days

**Question 20**

Incorrect

Mark 0.00 out of 1.00

If 9 Spiders make 9 webs in 9 days, then 1 Spider will make 1 web in how many days?

Select one:

- ☐ 9
- ☐ 1
- ☒ 12 ✖
- ☐ 18

The correct answer is:  
9

**Question 21**

Incorrect

Mark 0.00 out of 1.00

A is twice efficient as B and together they do the same work in as much time as C and D together. If C and D can complete the work in 20 and 30 days respectively, working alone, then in how many days A can complete the work individually:

Select one:

- ☐ 12 days
- ☐ 18 days
- ☒ 30 days ✖
- ☐ 24 days

The correct answer is:

18 days

**Question 22**

Incorrect

Mark 0.00 out of 1.00

A can finish a work in 18 days and B can do the same work in half the time taken by A. then, working together, what part of the same work they can finish in a day?

Select one:

- ☐  $\frac{1}{2}$  work
- ☐  $\frac{2^{rd}}{3}$  work
- ☒ Total work ✖
- ☐  $\frac{1^{th}}{4}$  work

The correct answer is:

 $\frac{1}{2}$  work**Question 23**

Correct

Mark 1.00 out of 1.00

A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left is:

Select one:

- ☐  $\frac{7}{15}$
- ☒  $\frac{8}{15}$  ✔
- ☐  $\frac{1}{4}$
- ☐  $\frac{1}{10}$

The correct answer is:

 $\frac{8}{15}$



**Question 24**

Incorrect

Mark 0.00 out of 1.00

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?

Select one:

- ☒ 15 days ✖
- ☐ 16 days
- ☐ 18 days
- ☐ 12 days

The correct answer is:  
18 days

**Question 25**

Correct

Mark 1.00 out of 1.00

Five men and nine women can do a piece of work in 10 days. Six men and twelve women can do the same work in 8 days. In how many days can three men and three women do the work?

Select one:

- ☒ 16 days ✔
- ☐ 14 days
- ☐ 18 days
- ☐ 20 days

The correct answer is:  
16 days