

Result & Analysis

Student: HIMESH SHARMA

Test: Level 3_Time and Work

Course: Self-Learning Gamifi...

Attempt 1

IP Address: 2405:201:3013:fd:e88d:7ae7:775b:9d79

Tab switches: 7

OS used: Windows

Browser used: Chrome

Test Duration: 00:39:15

Test Start Time: Apr 1, 2022 | 07:57 PM

Test Submit Time: Apr 1, 2022 | 08:37 PM

Overall score



Rank: NA

Topper score: 30.00 / 30

Average score: 17.20 / 30

Least score: 0.00 / 30

Section 1



Rank: NA

Topper score: 30.00 / 30

Average score: 17.90 / 30

Least score: 0.00 / 30

Overall Question Status



Total Questions: 30

Questions Attempted: 30

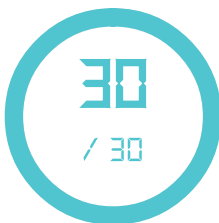
Questions Correct: 30

Question Wrong: 0

Partially Correct: 0

Question Not Viewed: 0

Section 1 - Question Status



Total Questions: 30

Questions Attempted: 30

Questions Correct: 30

Question Wrong: 0

Partially Correct: 0

Question Not Viewed: 0

Topic wise Analysis

Section 1



Question No: 1

Multi Choice Type Question

A and B working separately can finish a work in 8 and 12 days respectively. If they work for a day alternately with A beginning, then in how many days the work would be completed?

☐ 10 days☐ 9.5 days

CORRECT

☐ 9.8 days☐ 9 days**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Time and work☐ Show solution**Question No: 2****Multi Choice Type Question**

A can do as much work in 3 days as B can do in 5 days and B can do as much work in 2 days as C in 3 days, All of them together can do a certain piece of work in 20 days. How long will A alone take to do the work?

☐ 45 days☐ 40 days

CORRECT

☐ 50 days☐ 60 days**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Time and work☐ Show solution**Question No: 3****Multi Choice Type Question**

A swimming pool is fitted with three pipes. The first two pipes working simultaneously, fill the pool in the same time as the third pipe alone. The second pipe alone fills the pool 5 hours faster than the first pipe and 4 hours slower than the third pipe. In what time will the second and third pipes together fill the pool?

☐ 4 hours

☐ 4.5 hours☐ 3.75 hours

CORRECT

☐ 3 hours**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Time and work☐ Show solution**Question No: 4****Multi Choice Type Question**

Two candles of the same length are lighted at the same time. The first is consumed in 6 hours and the second in 4 hours. Assuming that each candle burns at a constant rate, in how many hours after being lighted was the first candle twice the length of the second?

☐ 7 hours☐ 11 hours☐ 3 hours

CORRECT

☐ 9 hours**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Time and work☐ Show solution**Question No: 5****Multi Choice Type Question**

A garrison of 1500 men is provisioned for 60 days. After 25 days the garrison is reinforced by 500 men. How long will the remaining provisions last?

☐ 52 days☐ 26.25 days

CORRECT

☐ 21.75 days☐ 24 days**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Time and work☐ Show solution**Question No: 6****Multi Choice Type Question**

8 men with 2 boys can do a piece of work in 7 days, which 25 men with 13 boys can do in 2 days. What fraction of the whole work, can be done in 1 day by 11 men with 20 boys?

☐ $\frac{1}{3}$

CORRECT

☐ $\frac{1}{2}$ ☐ $\frac{1}{4}$ ☐ $\frac{1}{5}$ **Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Time and work☐ Show solution**Question No: 7****Multi Choice Type Question**

A and B can do a certain piece of work in 18 days, B and C can do it in 12 days and C and A can do it in 24 days. How long would each respectively take to do it working separately?

☐ $\frac{72}{2}, \frac{72}{7}, \frac{72}{11}$

☐ $144, \frac{144}{5}, \frac{144}{7}$

☐ $\frac{144}{5}, 144, \frac{144}{7}$

☐ $144, \frac{144}{7}, \frac{144}{5}$

CORRECT

Status: Correct

Mark obtained: 1/1

Hints used: 0

Level: Medium

Question type: MCQ Single Correct

Subject: Aptitude

Subject: Quantitative Ability

Subject: Time and work

☐ Show solution

Question No: 8

Multi Choice Type Question

If 3 men or 4 women or 6 children can complete a work in 12 days, then 2 children and 1 men can complete the same work in ?

☐ 20 days

☐ 18 days

CORRECT

☐ 16 days

☐ 15 days

Status: Correct

Mark obtained: 1/1

Hints used: 0

Level: Easy

Question type: MCQ Single Correct

Subject: Aptitude

Subject: Quantitative Ability

Subject: Time and work

☐ Show solution

Question No: 9

Multi Choice Type Question

20 men can complete a piece of work in 10 days but after every 4 days 5 men are called off. In what time will the work be finished?

☐ 14 days☐ 16 days

CORRECT

☐ 17 days☐ 12 days**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Time and work☐ Show solution**Question No: 10****Multi Choice Type Question**

X can do a job in 10 days, Y in 15 days and Z in 18 days. Y and Z begin the work but have to leave after 3 days. How many days will X take to finish the job?

☐ 57/11 days☐ 57/9 days

CORRECT

☐ 6.5 days☐ 53/12 days**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Time and work☐ Show solution**Question No: 11****Multi Choice Type Question**

A contractor undertakes to build a wall 1000 meter long in 50 days. He employed 56 men but at the end of 27 days he finds that only 448 meter of wall is build. How many extra men

must the contractor employ so that the wall is completed in time

☐ 16

☐ 10

☐ 25

CORRECT

☐ 18

Status: Correct

Mark obtained: 1/1

Hints used: 0

Level: Hard

Question type: MCQ Single Correct

Subject: Aptitude

Subject: Quantitative Ability

Subject: Time and work

☐ Show solution

Question No: 12

Multi Choice Type Question

If 5 men can paint a room 50 m long, 6 m high and 13 m wide working 10 hours per day in 6 days, then how many days of 9 hours each will 10 men need to paint a room 40 m long, 7 m high and 10 m wide. (Assume all the walls and ceiling are painted leaving the floor)

☐ 3 days

☐ 2.6 days

CORRECT

☐ 4 days

☐ 2.78 days

Status: Correct

Mark obtained: 1/1

Hints used: 0

Level: Hard

Question type: MCQ Single Correct

Subject: Aptitude

Subject: Quantitative Ability

Subject: Time and work

☐ Show solution

Question No: 13

Multi Choice Type Question

A and B can do a piece of work in 12 days and B and C can do it in 15 days. If all the three

work together, it can be finished in 10 days. How long will it take for A and C to do it together?

☐ 25 days

☐ 18 days

☐ 20 days

CORRECT

☐ 16 days

Status: Correct

Mark obtained: 1/1

Hints used: 0

Level: Medium

Question type: MCQ Single Correct

Subject: Aptitude

Subject: Quantitative Ability

Subject: Time and work

☐ Show solution

Question No: 14

Multi Choice Type Question

A worker A began digging a trench. After three days another worker B joined him. It now took them eight more days to complete the work. Instead, if during the first three days, B alone would have worked, then both of them would have required another nine days to complete the job. How much time would each take to complete the job separately?

☐ A : 15 days; B : 20 days

☐ A : 15 days; B : 30 days

CORRECT

☐ A : 12 days; B : 20 days

☐ A : 10 days; B : 20 days

Status: Correct

Mark obtained: 1/1

Hints used: 0

Level: Hard

Question type: MCQ Single Correct

Subject: Aptitude

Subject: Quantitative Ability

Subject: Time and work

☐ Show solution

Question No: 15

Multi Choice Type Question

A and B together can do a work in 12 hours. A worked for 4 days and B completes the remaining work in 18 days. Find the efficiency ratio of A and B ?

☐ 4:3☐ 3:4

CORRECT

☐ 2:1☐ 1:2

Status: Correct

Mark obtained: 1/1

Hints used: 0

Level: Hard

Question type: MCQ Single Correct

Subject: Aptitude

Subject: Quantitative Ability

Subject: Time and work

☐ Show solution

Question No: 16

Multi Choice Type Question

A contractor engaged 40 labourers on a job. He was paid Rs.1,050 for the work. After retaining 20% of it, he distributed the remaining amount amongst the labourers. If the number of men to women labourers was as 5 : 3 and their wages were as 3 : 2, then how much did a man get as wages?

☐ Rs.24

CORRECT

☐ Rs.36☐ Rs.40☐ Rs.50

Status: Correct

Mark obtained: 1/1

Hints used: 0

Level: Medium

Question type: MCQ Single Correct

Subject: Aptitude

Subject: Quantitative Ability

Subject: Time and work

☐ Show solution**Question No: 17****Multi Choice Type Question**

Three persons A, B, C finished a piece of work. A worked at it for 5 days, B for 7 days and C for 9 days. Their daily wages were in the proportion of 4 : 3 : 2 and the earnings amounted to Rs.118. What were the daily wages of each (in Rs.)?

- ☐ 8, 6, 4
- ☐ 16, 12, 8
- ☐ 40, 42, 36
- ☐ 44, 38, 36

CORRECT

Status: Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Time and work☐ Show solution**Question No: 18****Multi Choice Type Question**

If 3 men and 5 boys can do as much work in 17 days as 5 men and 3 boys can do in 15 days, then the ratio of rate of working of a man and a boy is

- ☐ 5 : 2
- ☐ 2 : 5
- ☐ 3 : 5
- ☐ 5 : 3

CORRECT

Status: Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Time and work

☐ Show solution**Question No: 19****Multi Choice Type Question**

A and B can fill a cistern in 7.5 minutes and 5 minutes respectively and C can carry away 14 litres per minute. If all the pipes are open when the cistern is full, it is emptied in 1 hour. Then the capacity of the cistern is

☐ 0.08 kilo litres☐ 0.04 kilo litres

CORRECT

☐ 0.045 kilo litres☐ 0.05 kilo litres**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Pipes and cisterns☐ Show solution**Question No: 20****Multi Choice Type Question**

Three factories of a corporation are capable of manufacturing a particular part of bicycle. Two of the factories can each produce 100,000 parts in 15 days. The third factory can produce them 30% faster. How many days would it take to produce a million parts with all the three working simultaneously? (Correct to the nearest day)

☐ 48☐ 43☐ 45

CORRECT

☐ 50**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium

Question type: MCQ Single Correct **Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Time and work☐ Show solution

First 1 2 Last