

Result & Analysis

Student: HIMESH SHARMA

Test: Level 3_Sequence Serie...

Course: Self-Learning Gamifi...

Attempt 1

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

Tab switches: 4

OS used: Windows

Browser used: Chrome

Test Duration: 00:23:10

Test Start Time: Apr 1, 2022 | 06:55 PM

Test Submit Time: Apr 1, 2022 | 07:19 PM

Overall score



Rank: NA

Topper score: 30.00 / 30

Average score: 16.71 / 30

Least score: 0.00 / 30

Section 1



Rank: NA

Topper score: 30.00 / 30

Average score: 17.41 / 30

Least score: 0.00 / 30

Overall Question Status



Total Questions: 30

Questions Attempted: 30

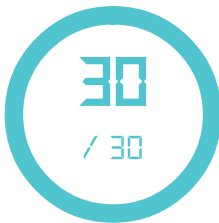
Questions Correct: 30

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 bouncing tennis ball rebounds each time to a height equal to one half the height of the previous bounce. If it is dropped from a height of 16m, find the total distance it has traveled when it hits the ground for the 10th time?

☐ 67 11/16


47 15/16

CORRECT

☐ None of these☐ 37 5/16**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression☐ Show solution**Question No: 2****Multi Choice Type Question**

In a set of four numbers, the first three are in G.P. and the last three are in A.P. with common difference 6. If the first number is the same as the fourth, find the third number.

☐ 2

CORRECT

☐ -8☐ 4☐ Can't be determined**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression☐ Show solution**Question No: 3****Multi Choice Type Question**

A body falls 16 units in the first second of its motion, 48 units in the second, 80 units in the third, 112 units in the fourth and so on. What is the height through which it falls if it reaches the ground in 13 seconds?

☐ 2770 units☐

☒ 2704 units

CORRECT

☐ 2750 units☐ 2774 units**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression☐ Show solution**Question No: 4****Multi Choice Type Question**

The sum of the first six terms of an A.P. is 42. The ratio of the 10th term to the 30th term of A.P. is $\frac{1}{3}$. Find the 40th term of the A.P.

☐ 39☐ 80

CORRECT

☐ 20☐ -60**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression☐ Show solution**Question No: 5****Multi Choice Type Question**

If the first term of an A.P. is 2 and the sum of the first five terms is equal to one fourth of the sum of the next five terms, then find the 20th term?

☐ -82☐ -112

CORRECT

☐ None of these

☐ -114

Status: Correct

Mark obtained: 1/1

Hints used: 0

Level: Hard

Question type: MCQ Single Correct

Subject: Aptitude

Subject: Quantitative Ability

Subject: Arithmetic Progression

☐ Show solution

Question No: 6

Multi Choice Type Question

The sum of the first fifteen terms of an A.P. is 105 and the sum of the next fifteen terms is 780. Find the common difference of A.P.

☐ 6

☐ 3

CORRECT

☐ 4

☐ 5

Status: Correct

Mark obtained: 1/1

Hints used: 0

Level: Hard

Question type: MCQ Single Correct

Subject: Aptitude

Subject: Quantitative Ability

Subject: Arithmetic Progression

☐ Show solution

Question No: 7

Multi Choice Type Question

If $x = \log_c b + \log_b c$, $y = \log_a c + \log_c a$ and $z = \log_b a + \log_a b$, then $x^2 + y^2 + z^2$ is equal to

☐ 1

☐ xyz

☐ 2

☐ xyz + 4

CORRECT

Status: Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Log
☐ Show solution
Question No: 8**Multi Choice Type Question**

If $\log_a x$, $a^{x/2}$ and $\log_b x$ are in GP, then x is equal to

☐ $-\log_a (\log_a b)$
☐ $\log_a (\log_e a) - \log_a (\log_e b)$ CORRECT

☐ both 1 and 2

☐ $\log_a (\log_b a)$
Status: Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Log
☐ Show solution
Question No: 9**Multi Choice Type Question**

A and B set out simultaneously to meet each other from two places 165 km apart. A travels 15 km the first day, 14 km the second, 13 km the third and so on. The other travels 10 km the first day, 12 km the second, 14 km the third and so on. When will they meet?

☐ 4 days

☐ 10 days

☐ 6 days

CORRECT

☐ 8 days
Status: Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression
☐ Show solution
Question No: 10**Multi Choice Type Question**

What is the value of

$$\frac{1}{2^2 - 1} + \frac{1}{4^2 - 1} + \frac{1}{6^2 - 1} + \dots + \frac{1}{20^2 - 1}$$

☐ 9/19

☐ 10/21

CORRECT

☐ 10/19

☐ 11/21
Status: Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression
☐ Show solution
Question No: 11**Multi Choice Type Question**If the n th term of an A.P. is $4n - 1$, find the 30th term and the sum of first 30 terms.
☐ 119 and 1830

CORRECT

☐ 119 and 1380

☐ None of these

☐ 69 and 1665

Status: Correct **Mark obtained:** 1/1 **Hints used:** 0 **Level:** Hard
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Arithmetic Progression

☐ Show solution

Question No: 12

Multi Choice Type Question

A man is employed to count Rs.10710. He counts at the rate of Rs.180 per minute for half an hour. After this he counts at the rate of Rs.3 less every minute than the preceding minute. The time taken by him to count the entire amount is

☐ 89 minutes

CORRECT

☐ 79 minutes

☐ 59 minutes

☐ 60 minutes

Status: Correct **Mark obtained:** 1/1 **Hints used:** 0 **Level:** Hard
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Arithmetic Progression

☐ Show solution

Question No: 13

Multi Choice Type Question

The sum of the following series $1 + 5 + 3 + 9 + 5 + 13 + 7 + 17 + \dots$ to 30 terms is

☐ 840

☐ 720

/80

☐ 720

CORRECT

☐ 960**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression☐ Show solution**Question No: 14****Multi Choice Type Question**

Find the sum of all odd numbers of four digits which are divisible by 9?

☐ 2448729☐ 2754000

CORRECT

☐ 2478429☐ 2784491**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression☐ Show solution**Question No: 15****Multi Choice Type Question**

The sum of four terms in G.P. is 312. The sum of first and fourth term is 252. Find the product of second and third term

☐ 150

☒ 500

CORRECT

☐ 60

☐ None of these
Status: Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression
☐ Show solution
Question No: 16**Multi Choice Type Question**

If $\log_2 3$, $\log_3 (2^x - 5)$ and $\log_3 (2^x - 7/2)$ are in AP then x is equal to

☐ 2

☐ 4

☐ 3

CORRECT

☐ 5
Status: Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Log
☐ Show solution
Question No: 17**Multi Choice Type Question**

The largest terms common to the sequences 1, 11, 21, 31, to 100 terms and 31, 36, 41, 46, to 100 terms is

☐ 381

☐ 471☐ 521

CORRECT

☐ 281

Status: Correct **Mark obtained:** 1/1 **Hints used:** 0 **Level:** Hard
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Arithmetic Progression

☐ Show solution**Question No: 18****Multi Choice Type Question**

There are 25 trees at equal distance of 5 metres in a line with a well, the distance of the well from the nearest tree being 10 metres. A gardener waters all the trees separately starting from the well and he returns to the well after watering each tree to get water for the next. The total distance the gardener will cover in order to water all the trees is

☐ 3600 m☐ 3500 m☐ 3300 m☐ 3370 m

CORRECT

Status: Correct **Mark obtained:** 1/1 **Hints used:** 0 **Level:** Hard
Question type: MCQ Single Correct **Subject:** Aptitude **Subject:** Quantitative Ability
Subject: Arithmetic Progression

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

The sum of three numbers in G.P. is 70, if the two extremes be multiplied each by 4 and the mean by 5, the new numbers so formed are in A.P. Find the product of original numbers

☐ 6000☐ 7000☐ 8000

CORRECT

☐ None of these**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression☐ Show solution**Question No: 20****Multi Choice Type Question**

Find the next number in series 1, 11, 21, 1112, 3112, 211213.

☐ 223113☐ 322324☐ 422426☐ 312213

CORRECT

Status: Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Hard**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression☐ Show solution

First 1 2 Last