

Result & Analysis

Student: HIMESH SHARMA

Test: Level 2_Sequence Serie...

Course: Self-Learning Gamifi...

Attempt 1

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

Tab switches: 6

OS used: Windows

Browser used: Chrome

Test Duration: 01:08:39

Test Start Time: Apr 1, 2022 | 06:08 PM

Test Submit Time: Apr 1, 2022 | 07:55 PM

Resume Count: 1

Overall score



Rank: NA

Topper score: 30.00 / 30

Average score: 18.15 / 30

Least score: 0.00 / 30

Section 1



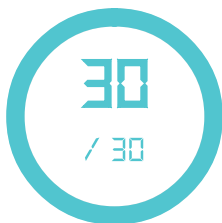
Rank: NA

Topper score: 30.00 / 30

Average score: 18.72 / 30

Least score: 0.00 / 30

Overall Question Status



Total Questions: 30

Questions Attempted: 30

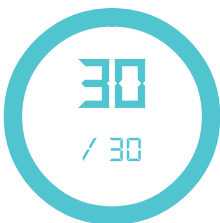
Questions Correct: 30

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

The value of $\log_{10} (16/15) + \log_{10} (25/24) + \log_{10} (9)$ is☐ 3☐ 1

CORRECT



☒ 2☐ 0

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: 2****Multi Choice Type Question**

If $\log_{10} 2 = 0.3010$, the value of $\log_{10} 80$ is:

☐ 1.6020☐ None of these☐ 3.9030☐ 1.9030

CORRECT

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

☐ Show solution**Question No: 3****Multi Choice Type Question**

If $\log_x y = 100$ and $\log_2 x = 10$, then the value of y is:

☐ 2^{100} ☐ 2^1 ☐ 2^{10}

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

p, q, r, s, t are first five terms of an A.P. such that $p + r + t = -12$ and $p \cdot q \cdot r = 8$. Find the first term of the above A.P.

☐ 3☐ 2

CORRECT

☐ -4☐ 4**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression☐ Show solution**Question No: 5****Multi Choice Type Question**

Which term of the series 5, 8, 11, 14,.....is 320?

☐ 105th☐ 104th☐ 106th

CORRECT

☐ 109th

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

☐ Show solution

Question No: 6

Multi Choice Type Question

A besieged fortress is held by 5700 men, who have provisions for 66 day. If the garrison loses 20 men each day, for how many days can the provisions hold out?

☐ None of these

☐ 76 CORRECT

☐ 74

☐ 78

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

☐ Show solution

Question No: 7

Multi Choice Type Question

The sum of the infinite series $1 - \frac{2}{3} + \frac{4}{9} - \dots$ is

☐ $\frac{3}{8}$

☐ $\frac{3}{7}$

☐ $\frac{3}{5}$ CORRECT

☐ $\frac{5}{3}$

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

The sum of the series $\frac{1}{1 \times 2} + \frac{1}{2 \times 3} + \frac{1}{3 \times 4} + \dots$ to n terms is equal to

☐ $\frac{n+2}{n+1}$

☐ $\frac{n+1}{n+2}$

☐ $\frac{n}{n+1}$

CORRECT

☐ $\frac{n+1}{n}$

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

The sum of the following series $3 + 4 + 8 + 9 + 13 + 14 + 18 + 19 + \dots$ to 20 terms is

☐ 520

CORRECT

☐ 549

☐ 511

☐ 536

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

☐ Show solution

Question No: 10

Multi Choice Type Question

If the first term of a series in A.P. is 17, the last term is $-12\frac{3}{8}$ and the sum is $25\frac{7}{16}$ the common difference is

☐ -45/17

☐ -47/16

CORRECT

☐ -43/18

☐ None of these

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

☐ Show solution

Question No: 11

Multi Choice Type Question

One side of an equilateral triangle is 24 cm. The mid-points of its sides are joined to form another triangle whose midpoints are joined to form still another triangle. This process continues indefinitely. Find the sum of the perimeter of all the triangles.

☐ 171 cm

☐ Cannot be determined

☐ 121 cm

☐ 144 cm

CORRECT

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

☐ Show solution

Question No: 12

Multi Choice Type Question

The common difference of an A.P. whose 8th and 102th terms are 23 and 305 respectively is

☐ 3

CORRECT

☐ 4

☐ 2

☐ 5

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

☐ Show solution

Question No: 13

Multi Choice Type Question

If $\log(x - 1) + \log(x + 1) = 3 \log 2$, then x is equal to

☐ 1

☐ 3

CORRECT

☐ -3

☐

None of these

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

☐ Show solution**Question No: 14****Multi Choice Type Question**

Given that the n th term of the sequence is $(3 + n)/4$, then the sum of the sequence to 105 terms will be

- ☒ 1470 CORRECT
- ☐ 1570
- ☐ 1400
- ☐ 1500

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

☐ Show solution**Question No: 15****Multi Choice Type Question**

An insect starts from a point and travels in a straight path one mm in the first second and half of the distance covered in the distance covered in the previous second in the succeeding second. In how much time would it reach a point 3 mm from its starting point?

- ☒ Cannot be determined CORRECT
- ☐ 3 sec
- ☐ 2 sec

☐ 1 sec

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

☐ Show solution**Question No: 16****Multi Choice Type Question**

Three nonzero numbers are in G.P. If we double the middle term, we get an A.P. Then calculate the common ratio

☐ $1 \pm \sqrt{3}$ ☐ $-2 \pm \sqrt{3}$ ☐ $3 \pm \sqrt{3}$ ☐ $2 \pm \sqrt{3}$

CORRECT

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

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

A boy arranges rows of marbles one against the other so that each row contains one marble less than the preceding. The last row consists of one marble only, which forms the apex of a triangle, If the boy has 153 marbles, how many marbles can be there in the base of the biggest triangle that he can construct?

☐ 15☐ 18

☐ 17

CORRECT

☐ 19

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

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

There are 60 terms in an A.P. of which the first term is 8 and the last term is 185. The 31st term is

☐ 94☐ 85☐ 56☐ 98

CORRECT

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

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

The sum of 20 terms of the series $5, 4\frac{1}{3}, 2\frac{2}{3}, \dots$ is

☐ $-26\frac{1}{3}$ ☐ $26\frac{2}{3}$ ☐ $26\frac{1}{3}$

☐ $-26\frac{2}{3}$

CORRECT

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

Find the sum of all the integers which are multiplies of 7 lying between 200 and 400.

☐ 8579☐ 8279☐ 8729

CORRECT

☐ 8379**Status:** Correct**Mark obtained:** 1/1**Hints used:** 0**Level:** Medium**Question type:** MCQ Single Correct**Subject:** Aptitude**Subject:** Quantitative Ability**Subject:** Arithmetic Progression☐ Show solution

First 1 2 Last