Result & Analysis

Student: HIMESH SHARMA Test: Level 1_Sequence Serie... Course: Self-Learning Gamifi...

Attempt 1

IP Address: 2405:201:3013:fd:e88d:7ae7:775b:9d79 **Tab switches:** 0 **OS used:** Windows

Browser used: Chrome

Test Duration: 01:21:22 **Test Start Time:** Apr 1, 2022 | 04:46 PM

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

Overall score

Rank: NA

Topper score: 20.00 / 20

Average score: 13.31 / 20

Least score: 0.00 / 20

MCQ

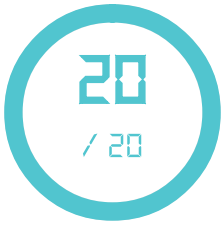
Rank: NA

Topper score: 20.00 / 20

Average score: 13.74 / 20

Least score: 0.00 / 20

Overall Question Status



Total Questions: 20

Questions Attempted: 20

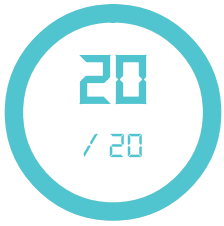
Questions Correct: 20

Question Wrong: 0

Partially Correct: 0

Question Not Viewed: 0

MCQ - Question Status



Total Questions: 20

Questions Attempted: 20

Questions Correct: 20

Question Wrong: 0

Partially Correct: 0

Question Not Viewed: 0

Topic wise Analysis MCQ

Question No: 1 **Multi Choice Type Question**

The sum of the first and the third term of a G.P. is.15 and that of the 5th and the 7th terms is 240. Find the 9th term of the G.P.

- 687
- 678

876

768 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: 2 **Multi Choice Type Question**

Find the value of $\log_{10} 1 + \log_{10} 10 + \log_{10} 100 + ... \log_{10} 10000000000$.

55 CORRECT

45

100

50

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

Show solution

Question No: 3 **Multi Choice Type Question**

The sum of three numbers in G.P. is 14. If the first two terms are each increased by 1 and the third term is decreased by 1, the resulting numbers are in A.P. Find the product of these three numbers.

64 CORRECT

357

88

105

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

Show solution

Question No: 4 **Multi Choice Type Question**

What is the value of $216^{\log_6 49}$?

6

3 $\log_6 49$

3

$6^{3\log_6 49}$ CORRECT

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

Show solution

Question No: 5 **Multi Choice Type Question**

Find the value of $(\log\sqrt{27}+\log\sqrt{8}-\log\sqrt{125})/(\log 6-\log 5)$

3/5

1/2

3/2 CORRECT

2

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: 6 **Multi Choice Type Question**

If the 3^{rd} and 7^{th} terms of an A.P. are 17 and 27 respectively. What is the first term of the A.P.?

9

11

12 CORRECT

14

Status: Correct **Mark obtained:** 1/1 **Hints used:** 0 **Level:** Easy
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 all terms of the A.P. 7, 10, 13, ..., l is 1242, where l is the last term of the A.P. Find the value of l of the A.P.

69

79

85 CORRECT

102

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

Show solution

Question No: 8 **Multi Choice Type Question**

Find the value of ($\log_2 8 + \log_3 9 + \log_5 25$).

7 CORRECT

4

5

6

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

Show solution

Question No: 9 **Multi Choice Type Question**

Find the value of $\log_5 5 + \log_5 5^2 + \log_5 5^3 + ... + \log_5 5^n$.

n(n + 1)/2 CORRECT

n(n + 1)

- n(n − 1)
- n − 1

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

Show solution

Question No: 10 **Multi Choice Type Question**

The sum of first three terms of a G.P. is to the sum of the first six terms is 125 : 152. Find the common ratio of the G.P.

- 3/5 CORRECT
- 2/3
- 2
- 1/2

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

Show solution

Question No: 11 **Multi Choice Type Question**

If 7 times the seventh term of an A.P is equal to 11 times its eleventh term, find the value of eighteenth term of the A.P.

- 13
- 15

15

0 CORRECT

11

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

Show solution

Question No: 12 **Multi Choice Type Question**

Find the statement which is false

$\log_{10} 10 = 1$

log (1 + 2 + 3) = log 1 + log 2 + log 3

log (2 + 3) = log (2 x 3) CORRECT

$\log_{10} 1 = 0$

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: 13 **Multi Choice Type Question**

The pollution in a normal atmosphere is less than 0.01%. Due to leakage of a gas from a factory the pollution is increased to 20%, If every day 80% of the pollution is neutralized, in how many minimum integral days the atmosphere will be normal?

4

10

6 CORRECT

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: 14 **Multi Choice Type Question**

Simplify

$$\frac{1}{(\log bc)+1}+\frac{1}{(\log_b ac)+1}+\frac{1}{(\log_c ab)+1}$$

1 CORRECT

1/2

0

2

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: 15 **Multi Choice Type Question**

If $\log_5 [\log_3 (\log_2 x)] = 1$, then find the value of x.

3^{125}

- 2^{243} CORRECT
- 5^{81}
- 1

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: 16 **Multi Choice Type Question**

The sum of first three terms of a G.P. is 21 and sum of their squares is 189. Find the common ratio of the G.P.

- 2 CORRECT
- 3
- 3/5
- 2/3

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

Show solution

Question No: 17 **Multi Choice Type Question**

If $\log_q (xy) = 3$ and $\log_q (x^2y^3) = 4$, then find the value of $\log_q x$.

- 3.5

- 8
- 12
- 5 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: 18 **Multi Choice Type Question**

Sum of three consecutive terms in a G.P. is 42 and their product is 512. Find the largest term of these numbers of the G.P.

- 64
- 80
- 32 CORRECT
- 72

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

Show solution

Question No: 19 **Multi Choice Type Question**

The sum of three numbers in A.P. is 15 and sum of their squares is 93. Find the greatest number of these three numbers.

- ○ 10
- ○ 12
- ○ 6
- ○ 8 CORRECT

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

☐ Show solution

Question No: 20 **Multi Choice Type Question**

What is the value of $\log_2 \log_2 \log_3 \log_5 (125)^3$?

- ○ 5
- ○ 3
- ○ 0 CORRECT
- ○ 1

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

☐ Show solution