ONLINE COACHING - DAY 15 (07/09/2019)
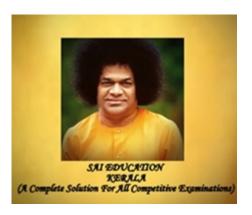
Total points 25/25 ❓

Topic : Square root And Cube root

Section score 0/0

Name of the Candidate *

M5 ▾

Place of the Candidate *

Thrissur ▾

WHATS APP NUMBER (JOINED IN SAI EDUCATION ONLINE COACHING PLATFORM GROUP) *

XXXXXXXXXX

Please watch the following videos and answer the following questions

Section score   25/25

Video 1

SQUARE ROOTS, CUBE ROOT…

Video 2

SQUARE ROOTS, CUBE ROOT…

Video 3

SQUARE ROOTS, CUBE ROOT…

What will come in place of question mark in each of the

following questions

✓ 1. √(32.4 / ?) = 2 *   1/1

○ 4.1

◉ 8.1   ✓

○ 8

○ 8.4

✓ 2. √86.49 + √[5 + (?)^2] = 12.3 *   1/1

○ 4

○ 8

◉ 2   ✓

○ 1

✓ 3. Find the value of √[0.289/0.00121] = ? *   1/1

◉ 170/11   ✓

○ 170/10

○ 180/11

○ 160/30

✓ 4. find the value √3 up to three places of decimal. * 1/1

○ 1.701

○ 1.723

◉ 1.732 ✓

○ 1.733

Feedback

Answer :
√3 = 1.732

✓ 5. Evaluate √[(9.5 × 0.0085×18.9) /(0.0017×1.9 × 0.021)] * 1/1

◉ 150 ✓

○ 180

○ 130

○ 115

✓ 6. A= B/2 , B= C^2 /2 , C= 2√3 Which is ' A' of the following ? * 1/1

○ √2

◉ 3 ✓

○ 6

○ 2√2

✓ 7. If a+b=7 and √(b^2 - 9) = 4 , find 'a' ? *   1/1

   ○ 5

   ○ 4

   ○ 3

   ◉ 2   ✓

✓ 8. Find the smallest number that must be multiplied to (a^3 ×   1/1
   b^8× c^6)/ d^7 to make it a perfect square *

   ○ a

   ◉ ad   ✓

   ○ b

   ○ d

✓ 9. Find the smallest number that must be multiplied to   1/1
   (125×P^8 ×q)/18r to make it a perfect square *

   ○ 114 r

   ◉ 10 qr   ✓

   ○ 29 r

   ○ 65 r

✓ 10. X+(1/X)=5 Then $X^2 + (1/X^2)$ = ? * 1/1

○ 20

◉ 23 ✓

○ 21

○ 28

✓ 11. X-(1/X) =5 , Then $X^2 + (1/X^2)$ = ? * 1/1

◉ 27 ✓

○ 20

○ 72

○ 89

✓ 12. X+(1/X)=5, Then $X^3 + (1/X^3)$= ? * 1/1

○ 100

◉ 110 ✓

○ 120

○ 80

✓ 13. X-(1/X)=5 Then [X^3+(1/X^3)] *   1/1

  ○ 150

  ○ 128

  ○ 148

  ◉ 140   ✓

✓ 14. A man plants 15376 apple trees in his garden and arranges   1/1
     them. So that , there are as many rows as there are apples in
     each row. The number of row is? *

  ○ 120

  ○ 150

  ◉ 124   ✓

  ○ 125

✓ 15. A general wish to draw up his 36581 soldiers in the form of   1/1
     solid square. After arranging them, he found that some of
     them, are left over. How many are left? *

  ◉ 100   ✓

  ○ 200

  ○ 150

  ○ 175

✓ 16. A group of students decided to collect as many paise   1/1
from each number of the group as is the number of members.
If the total collection amount to Rs. 59.29. The number of
members in the group is? *

○ 91

◉ 77   ✓

○ 33

○ 99

✓ 17. Find √45796 *   1/1

○ 216

○ 316

◉ 214   ✓

○ 314

✓ 18. √484 +√529 *   1/1

○ 90

○ 35

○ 65

◉ 45   ✓

✓ 19. √[218+√49] is equal to * 1/1

○ 14

● 15 ✓

○ 18

○ 24

✓ 20. (√625÷11)×(14÷√25)×(11÷√196) * 1/1

● 5 ✓

○ 6

○ 8

○ 11

✓ 21. What is the cube root of 2197 * 1/1

○ 12

● 13 ✓

○ 14

○ 15

✓ 22. The cube root of 0.000216 *   1/1

- ○ 0.6
- ◉ 0.06   ✓
- ○ 0.04
- ○ 0.006

✓ 23. What should come in place of both x in the equation   1/1
X÷√128 =√162÷X *

- ◉ 12   ✓
- ○ 14
- ○ 144
- ○ 196

✓ 24. The square root of (7 + 3√5) (7 - 3√5) is *   1/1

- ○ √5
- ◉ 2   ✓
- ○ 4
- ○ 3√5

✓ 25. The square root of 64009 is: * 　　　　　　　　　　　　　1/1

　○ 253 ✓

　○ 347

　○ 363

　○ 803

Google Forms