

108 DAYS ONLINE COACHING DAY(103) -25/06/2020 THURSDAY

FAST CALCULATION(6-7)



Name of the candidate *

M3

Place of the candidate *

Thiruvananthapuram

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

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Please watch the following videos and answer the following questions

<https://youtu.be/fpinssWCVmg>
<https://youtu.be/LHPPcPmsF7o>

1.The digit in the unit's place in the square root of 15876 is: *

1 point

- (A) 1
- (B) 3
- (C) 6
- (D) 9

2. Square root of 0.00004761= *

1 point

- A) 0.000690
- (B) 0.0069
- (C) 0.0609
- (D) 0.069

3. *

1 point

$$\sqrt{0.01 + \sqrt{0.0064}}$$

- (A) 0.03
- (B) 0.3
- (C) 0.42
- (D) None of these

4.32 x 29 *

1 point

- 628
- 928
- 728
- 1028

5.398 x * x 7 = 47362 *

1 point

- 13
- 17
- 19
- none of the above

6. $(6214+3689+1476) - (5213+1365+2038) = *$

1 point

- 4753
- 2763
- 2853
- none of the above

7. cube root of 328509 *

1 point

- 63
- 57
- 53
- 69

8. cube root of 175616 *

1 point

- 54
- 66
- 56
- 64

9.62.5% of 64 = *

1 point

- 20
- 40
- 25
- 45

10.square root of 3969 *

1 point

- 63
- 69
- 59
- 55

11.9996 x 9997= *

1 point

- 99900012
- 99930012
- 99900011
- 99910101

12. 11.11% of 25 *

1 point

- 2.78
- 1.78
- 3.78
- 4.78

13. cube root of 39304 *

1 point

- 19
- 39
- 34
- 29

14. cube root of 636056 *

1 point

- 68
- 86
- 46
- 56

15. 5432×3124 *

1 point

- 16969568
- 16996864
- 19684258
- 15874368

16. $61\%30=$ *

1 point

- 16
- 17
- 11.4
- 18.3

17. $15\% \text{ of } 40=x$ *

1 point

- 8
- 7
- 6
- 5

18.If 20% of a =15%of b,then find a:b *

1 point

- 4:3
- 3:4
- 3:5
- 4:5

19..The average of 4 consecutive even numbers is 27,find the largest number *

1 point

- 27
- 24
- 30
- 28

20.The average of 5 consecutive even numbers is 18,find the smallest of these *

1 point

- 14
- 12
- 16
- 18

21.The sum of 3 consecutive odd numbers is 38 more than the average of these numbers,what is the first of these numbers *

1 point

- 17
- 15
- 19
- 21

22.The sum of 5 consecutive odd numbers is 84 more than the average of these numbers,what is the first of these numbers *

1 point

- 15
- 11
- 17
- 19

23.If a,b,c,d,e are 5 consecutive odd numbers,their average is *

1 point

- a
- a+2
- a-2
- a+4

24. A batsman makes a score of 80 runs in his 16th innings thereby increases his average by 2 runs, find the average after 16th innings * 1 point

- 70
- 50
- 60
- 80

25. Find two consecutive numbers where thrice the first number more than twice the second number by 5. [RRB NTPC ,2016] * 1 point

- 5 and 6
- 6 and 7
- 7 and 8
- 9 and 10

Thankyou!!!

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