108 DAYS ONLINE COACHING FOR MISSION 2020, DAY [92], 25/11/2020, WEDNESDAY

NUMBER SYSTEM

SAI EDUCATION
KERALA
(A Complete Solution For All Competitive Examinations)
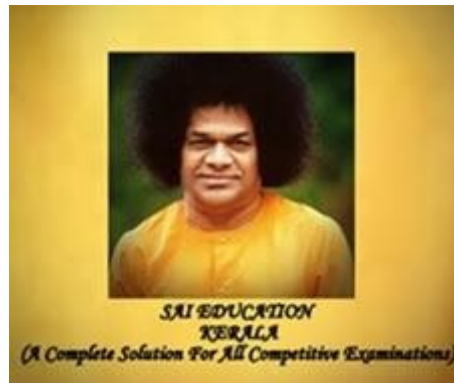
NAME OF THE CANDIDATE *

M2

PLACE OF THE CANDIDATE *

Kannur

WHAT'S APP NUMBER [JOINED IN SAI EDUCATION ONLINE COACHING PLATFORM] *

594

QUESTIONS

1 . Average square of consecutive even numbers till 16? * 1 point

○ 476

○ 372

○ 128

◉ 102

2.Average of square of consecutive odd numbers till 9? * 1 point

○ 34

○ 20

○ 24

◉ 30

3.The mean of 1^3,2^3,3^3,4'^3= ? * 1 point

◉ 25

○ 30

○ 35

○ 40

4.The mean of 1^2,2^2,3^2------7^2 =? *   1 point

○ 26

○ 38

○ 36

◉ 20

5.Find the average of first 20 even numbers? *   1 point

○ 31

○ 41

◉ 21

○ 11

6.Find the average of first 50 odd numbers? *   1 point

○ 70

○ 60

◉ 50

○ 40

7.Find the average of first 40 natural numbers? *   1 point

○ 39.5

◉ 20.5

○ 10.5

○ 47.5

8.Howmany 3 digit numbers are divisible by 7? *   1 point

○ 156

○ 144

◉ 128

○ 132

9.A number is multiplied by 3/4 instead of 4/3,the result was 180.Then what will be the 1 point
real answer? *

◉ 320

○ 230

○ 420

○ 240

10.Simplify (893+786)^ 2-(893-786)^ 2/893×786 *   1 point

○ 3

◉ 4

○ 5

○ 6

11.Simplify 26×26×26+3×26×26×24+3×26×24×24+24×24×24 *   1 point

○ 155000

○ 135000

○ 175000

◉ 125000

12.(724)^2-(276)^2=? *   1 point

○ 668000

◉ 448000

○ 866000

○ 844000

13.Half of the one third of the three fourth of the number is 120.What is the number? * 1 point

○ 860

◉ 960

○ 460

○ 660

14.9,99,999/33/3=? * 1 point

○ 10001

○ 10010

◉ 10101

○ 11001

15. If a number is decided by 51,27 is the remainder.If the same number is devided by 1 point
17 then what will be the remainder? *

○ 20

○ 30

◉ 10

○ 15

16.The sum of two numbers is twice of its difference.If the small number is 60.What will be the large number? *   1 point

- ( ) 140
- ( ) 120
- (●) 180
- ( ) 160

17 .16-[9-{8-(7-)}]=? *   1 point

- ( ) 16
- ( ) 18
- ( ) 12
- (●) 14

18.16^3/4=? *   1 point

- ( ) 2
- ( ) 4
- (●) 8
- ( ) 16

19.99099÷99=? *

1 point

○ 1000

● 1001

○ 1010

○ 1100

20.8 1/3% of 1200+33 1/3% of 333=? *

1 point

○ 111

● 211

○ 311

○ 411

21.Two third of half of a number is 18 .What is one third of that number? *

1 point

○ 16

● 18

○ 36

○ 38

22.5 table and 6 chairs cost Rs.2500 and 3 tables and 2 chairs cost Rs.1300.What is the 1 point
cost of one table and one in chair?

◉ 350,125

◯ 150,325

◯ 335,125

◯ 345,150

23.If the be difference between a number and 1/5 of it is 24.Then what is the number? 1 point
*

◯ 20

◉ 30

◯ 40

◯ 50

24.Simplify 789×789×789+211×211×211 /789×789-789×211+211×211 * 1 point

◯ 1001

◉ 1000

◯ 1100

◯ 1010

25.Simplify. 658×658×658-328×328×328 / 658×658+658× 328+328×328 *   1 point

○ 220

○ 230

○ 320

◉ 330

THANK YOU

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