

108 DAYS ONLINE COACHING FOR MISSION 2021,

MENSURATION

Email *

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NAME OF THE CANDIDATE(PLEASE ENTER YOUR FULL NAME) *

M2

PLACE OF THE CANDIDATE *

Kannur

WHAT'S APP NUMBER (JOINED IN SAI EDN OCT KERALA GROUP) *

666

PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND NOTE DOWN IT IN YOUR DIARY BEFORE SENDING THE ANSWERS

<https://youtu.be/acEAoropWPU>
<https://youtu.be/BE3uOY3S2Gk>
[9https://youtu.be/2eeAJx-NWb8](https://youtu.be/2eeAJx-NWb8)
<https://youtu.be/YAOsh8IPRwY>
<https://youtu.be/YOw6lrx0fY>

1. Length of a play ground is 60 mtr and width is 45 mtr. Then area is? *

1 point

- 2700
- 2800
- 2900
- 2600

2. A room 5 m 44 cm long and 3 m 74 cm broad is to be paved with square tiles. Find the least number of square tiles required to cover the floor? *

1 point

- 117
- 118
- 119
- 176

3. A rectangular grassy plot 110 m by 65 m has a gravel path 2.5 m wide all round it on the inside. Find the cost of raveling the path at 80 paise per sq.metre. * 1 point

- 607
- 680
- 109
- 600

4. The measuring the side of a rectangle ,one side is taken 5% in excess, and the other 4% in deficit. Find the error percentage in the area calculated from these measurements. * 1 point

- 0.7
- 0.8
- 0.9
- 0.6

5. Find the cost of carpeting a room 13 m long and 9 m broad with a carpet 75 cm wide at the rate of Rs.12.40 per square metre' * 1 point

- 1700
- 1800
- 1934.40
- 1665.50

6. One side of a rectangular field is 15 m and one of its diagonals is 17 m. Find the area of the field? *

1 point

- 107
- 120
- 109
- 116

7. Howmany bricks are (25 cm *11.25 cm*6 cm) required to build a wall of 8 mtr*6 mtr*22.5 cm? *

1 point

- 2700
- 2800
- 2900
- 6400

8. Find the length of the longest pole that can be placed in a room 12 m long 8 m broad and 9 m high? *

1 point

- 17
- 18
- 19
- 16

9. The capacity to keep rice in a room is 345 tones. Then what will be capacity to keep 1 point
rice in a room which is thrice greater? *

- 9317
- 9318
- 9319
- 9315

10. The cost of painting of 4 walls of a room is Rs.250.Then what will be the cost of 1 point
painting 3 times larger room? *

- 3250
- 2250
- 1250
- 4250

11. How many small balls can place in a box (20 cm*14 cm*7 cm)if it's radius is 1.5cm? * 1 point

- 24
- 28
- 44
- 48

12. Find the number of square tiles if the length and width of the room is 11.25 mtr and 6.75 mtr respectively. * 1 point

- 16
- 15
- 14
- 13

13. The cost of fencing of a rectangular field is Rs. 25000., cost per square metre is Rs. 50. Length is one and half times of width ,then length is? * 1 point

- 145 mtr
- 150 mtr
- 155 mtr
- 160 mtr

14. If the side of a square is increased by 25% .Then area will be increased by? * 1 point

- 55
- 56
- 56.25
- 57

15. If the diagonal of a square is 14 cm then area is? *

1 point

- 96
- 97
- 98
- 99

16. If all the sides of a square is double, then what will be the ratio between new and old squares? *

1 point

- 7:1
- 8:2
- 4:1
- 1:4

17. A square grassy plot its side length is 8 mtr. has a gravel path 1.5 mtr. wide all around it on the inside. Find the area of the path? *

1 point

- 39
- 49
- 59
- 69

18. A square grassy plot its length is 8 mtr. has a gravel path 1.5 mtr wide all around it 1 point on the outside. Find the area of the path? *

- 58
- 57
- 56
- 55

19. What will be the altitude of a triangle if the base of the triangle is x and side of a square is x and area of both are equal? * 1 point

- $6x$
- $2x$
- $3x$
- $4x$

20. ABC is a triangle with base AB. D is a point in AB. Such that $AD=5\text{cm}$, $DB=3\text{cm}$. What 1 point is the ratio of the area of a triangle ADC to the area of the triangle ABC? *

- $3/2$
- $2/3$
- $3/5$
- $2/5$

AFTER SUBMITTING THE TEST, PLEASE CHECK YOUR PROVIDED EMAIL TO VIEW YOUR RESPONSE SHEET. THANK YOU!!!

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