ONLINE COACHING - DAY 30 (05/10/2019 SATURDAY)
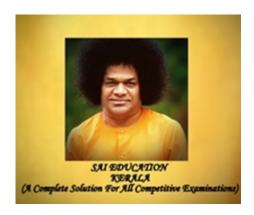
Total points   25/25

Topic : Mathematics - Percentage

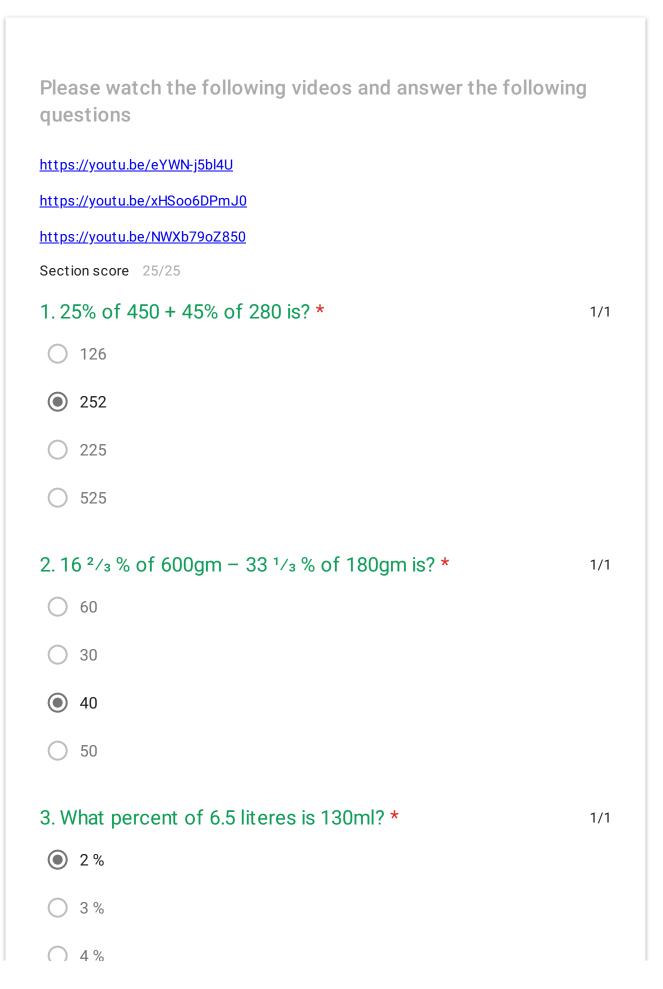Section score   0/0

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

https://youtu.be/eYWN-j5bl4U

https://youtu.be/xHSoo6DPmJ0

https://youtu.be/NWXb79oZ850

Section score   25/25

1. 25% of 450 + 45% of 280 is? *   1/1

○ 126

◉ 252

○ 225

○ 525

2. 16 ²/₃ % of 600gm − 33 ¹/₃ % of 180gm is? *   1/1

○ 60

○ 30

◉ 40

○ 50

3. What percent of 6.5 literes is 130ml? *   1/1

◉ 2 %

○ 3 %

○ 4 %

○ 5 %

4. What percent of 2 metric tonnes is 40 quintals? * 1/1

○ 100 %

○ 300 %

○ 400 %

◉ 200 %

5. What percent of 7 is 84? * 1/1

◉ 1200

○ 1400

○ 1000

○ 8400

6. Express 35% as fraction? * 1/1

○ 5/20

◉ 7/20

○ 0.35

○ 0.75

7. Express ¹⁄₅ as percent *   1/1

- ◯ 25
- ◯ 40
- ◯ 35
- ◉ 20

8. Express 36% as decimal *   1/1

- ◯ 36/10
- ◯ 36.05
- ◉ 0.36
- ◯ 36/0.1

9. Express 0.08 as percent *   1/1

- ◯ 0.008
- ◯ 80.08
- ◯ 80.0
- ◉ 8

10. Which is the greatest in 16 $^2/_3$, $^2/_{15}$, 0.17 ? *   1/1

○ 16 $^2/_3$

○ $^2/_{15}$

◉ 0.17

○ All are equal

11. 7% of a number is 56. Then what is 25% of that number? *   1/1

○ 100

○ 400

○ 500

◉ 200

12. The difference between 25% and 45% of a number is 120.   1/1
Then what is the number? *

○ 500

○ 550

◉ 600

○ 650

13. If a student gets 380 marks out of 500 in his annual exam. 1/1
Then his percentage of mark is? *

◉ 76

◯ 80

◯ 74

◯ 70

14. When 42 is added 40% of a number, then the number itself 1/1
is got. What is the number? *

◯ 73

◉ 70

◯ 75

◯ 17

15. If 15% of A is equal to 20% of B. Then 25% of A is equal to 1/1
what percentage of B? *

◯ 35 $^2/_3$

◯ 35 $^1/_3$

◯ 66 $^1/_3$

◉ 33 $^1/_3$

16. A reduction of 20% in the price of wheat enables a person 1/1
to buy 3.5kg more wheat for Rs. 770. The original price of
wheat was? *

○ 50

◉ 55

○ 100

○ 60

17. Due to 25% increase in the price of sugar per kg, a person 1/1
is able to purchase 20kg less for Rs. 400. What is the
increased prices of sugar per kg? *

○ 7.6

○ 12.6

○ 3.6

◉ 6.6

18. An inspector rejects 0.08% of the meters as defective. 1/1
How many will be examining to reject 2? *

○ 5000

○ 4000

◉ 2500

○ 1000

○ 1000

19. Difference of two numbers is 1660. If 7.5% of one number 1/1
is 12.5% of the other number. Find the two numbers? *

○ 4050 and 2500

⦿ 4150 and 2490

○ 3750 and 2140

○ 4200 and 2450

20. 10g is what percent of 1Kg *   1/1

⦿ 1%

○ 10%

○ 0.1%

○ 16%

21. If a number multiplied by 25% of itself gives a number   1/1
which is 200% more than the number then the number is? *

⦿ 12

○ 16

○ 20

○ 24

22. If 120 is 20% of a number, then 120% of that number will be: *   1/1

○ 20

○ 120

○ 360

◉ 720

23. A number exceeds 20% of itself by 40. The number is? *   1/1

○ 50

◉ 60

○ 80

○ 48

24. If x is 80% of y, what percent of x is y ? *   1/1

○ 75%

○ 80%

○ 100%

◉ 125%

25. In the annual examination Manoj got 10% less marks than Surija in Mathematics. Manoj got 81 marks. The mark of Surija? *

○ 87

○ 88

◉ 90

○ 89

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