

108 DAYS ONLINE COACHING-(DAY 99)-[17-01-2020~FRIDAY]

PROBABILITY



NAME OF THE CANDIDATE *

M4

PLACE OF THE CANDIDATE *

PATHANAMTHITTA

WHAT'S APP NO(JOINED IN THE SAI EDUCATION COACHING PLATFORM) *

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

https://youtu.be/1ETcl4_wEtg
<https://youtu.be/JiQA8LgBqU8>

1. A coin is thrown 3 times.what is the probability that atleast one head is obtained? *

1 point

- 1/8
- 7/8
- 2/8
- 3/8

2. Find the probability of getting a numbered card when a card is drawn from the pack of 52 cards. *

1 point

- 9/13
- 8/13
- 7/13
- 11/13

3. There are 5 green 7 red balls. Two balls are selected one by one without replacement. Find the probability that first is green and second is red. *

1 point

- 32/132
- 33/132
- 35/132
- 42/132

4. What is the probability of getting a sum of 7 when two dice are thrown? *

1 point

- 1/6
- 2/6
- 3/6
- 5/6

5. 1 card is drawn at random from the pack of 52 cards. Find the Probability that it is an honor card. *

1 point

- 1/13
- 2/13
- 3/13
- 4/13

6. 1 card is drawn at random from the pack of 52 cards. Find the Probability that it is a face card. *

1 point

- 1/13
- 2/13
- 3/13
- 4/13

7. Three dice are rolled together. What is the probability as getting at least one '4'? *

1 point

- 90/216
- 91/216
- 92/216
- 93/216

8. Find the probability of getting two heads when five coins are tossed. *

1 point

- 5/16
- 8/16
- 11/16
- 7/16

9. Determine the probability that a digit chosen at random from the digits 1, 2, 3, ...12 will be odd. *

1 point

- 1/2
- 1/9
- 5/9
- 4/9

10. Determine the probability that a digit chosen at random from digits 1, 2, 3, 13 will be even. *

1 point

- 1/2
- 1/9
- 5/9
- 6/13

11. A coin is tossed four times, if H = head and T = tail, what is the probability of the tosses coming up in the order HTHH? *

1 point

- 3/16
- 1/16
- 5/16
- 7/16

12. A dice is thrown, what is the probability that the number obtained is a prime number. *

1 point

- 1/6
- 1/8
- 1/2
- 1/3

13. Find the probability of throwing a total of 8 in a single throw with two dice. *

1 point

- 1/36
- 5/36
- 12/36
- 25/36

14. If a dice is thrown twice, what is the probability of not getting a one on either throw? *

1 point

- 1/12
- 1/18
- 25/36
- 12/36

15. A card is drawn from a pack of 52 cards. What is the probability that the card is a Queen? *

1 point

- 1/52
- 1/4
- 1/16
- 1/13

16. Two dice are thrown, what is the probability that both the dices are not having the same number? * 1 point

- 1/4
- 5/6
- 1/9
- 1/12

17. Determine the probability that a number chosen at random from the digits 1, 2, 3,, 10 will be a multiple of 4. * 1 point

- 1/4
- 1/3
- 1/5
- 1/2

18. Tickets numbered 1 to 20 are mixed up and then a ticket is drawn at random. What is the probability that the ticket drawn has a number which is a multiple of 3 or 5? * 1 point

- 1/2
- 2/5
- 8/15
- 9/20

19. What is the probability of getting a sum 9 from two throws of a dice? *

1 point

- 1/6
- 1/8
- 1/9
- 1/12

20. Three unbiased coins are tossed. What is the probability of getting at most two heads? *

1 point

- 3/4
- 1/4
- 3/8
- 7/8

21. Two dice are thrown simultaneously. What is the probability of getting two numbers whose product is even? *

1 point

- 1/2
- 3/4
- 3/8
- 5/16

22. Two dice are tossed. The probability that the total score is a prime number is: *

1 point

- 1/6
- 5/12
- 1/2
- 7/9

THANK YOU!!!

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