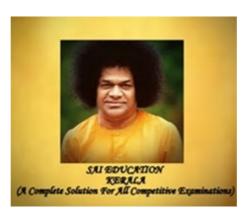
## 108 DAYS ONLINE COACHING-(DAY 99)-[ 17-01-2020~FRIDAY]

**PROBABILITY** 



NAME OF THE CANDIDATE \* M4 PLACE OF THE CANDIDATE \* **PATHANAMTHITTA** WHAT'S APP NO(JOINED IN THE SAI EDUCATION COACHING PLATFORM) \*

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

<u> https://youtu.be/1ETcI4_wE</u>	<u>tg</u>
https://youtu.be/JiQA8LqBq	

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
<ul><li>9/13</li></ul>	
8/13	
7/13	
<b>1</b> 1/13	
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	

4.What is the probability of getting a sum of 7 when two dice are thrown? *	1 point
<ul><li>1/6</li></ul>	
O 2/6	
O 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
O 1/13	
O 2/13	
O 3/13	
<ul><li>4/13</li></ul>	
6. 1 card is drawn at random from the pack of 52 cards.Find the Probability that it is a face card. *	1 point
O 1/13	
O 2/13	
<ul><li>3/13</li></ul>	
O 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
<ul><li>5/16</li></ul>	
8/16	
O 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	
O 1/9	
5/9	
O 4/9	

10. Determine the probability that a digit chosen at random from digits 1, 2, 3, 13 will be even. *	1 point
O 1/2	
O 1/9	
5/9	
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? *	<b>n</b> 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
O 1/6	
O 1/8	
1/2	
O 1/3	

13. Find the probability of throwing a total of 8 in a single throw with two dice. *	1 point
O 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
O 1/12	
O 1/18	
25/36	
O 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
O 1/52	
O 1/4	
O 1/16	
<ul><li>1/13</li></ul>	

16. Two dice are thrown, what is the probability that both the dices are not having the same number? *	1 point
O 1/4	
5/6	
O 1/9	
O 1/12	
17. Determine the probability that a number chosen at random from the digits 1, 2, 3,, 10 will be a	1 point
multiple of 4. *	
O 1/4	
O 1/3	
1/5	
O 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
O 1/2	
O 2/5	
8/15	
9/20	

19. What is the probability of getting a sum 9 from two throws of a dice? *	1 point
O 1/6	
O 1/8	
1/9	
O 1/12	
20. Three unbiased coins are tossed. What is the probability of getting at most two heads? *	1 point
O 3/4	
O 1/4	
3/8	
21. Two dice are thrown simultaneously. What is the probability of getting two numbers whose product is even? *	1 point
O 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
O 1/6	
5/12	
O 1/2	
7/9	
THANK YOU!!!	

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