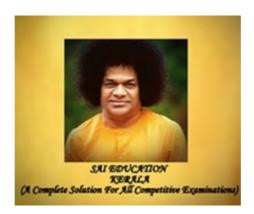
108 DAYS ONLINE COACHING TEST FOR MISSION 2020-(DAY 39)-[11-09-2020~FRIDAY]

PROBABILITY



PLACE OF THE CANDIDATE *



PLEASE ENTER YOUR WHAT'S APP NO(JOINED IN THE SAI EDN OCT 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/1ETcI4_wEtg
https://youtu.be/JiQA8LgBqU8

1. In a throw of a coin, find the probability of getting a head? *	1 point
1/2	
3/2	
O 2/3	
O 2/1	
2. Two unbiased coins are tossed. What is the probability of getting at most one head? *	1 point
O 1/4	
O 1/2	
O 2/3	
3/4	
3. An unbiased die is tossed. Find the probability of getting a multiple of 3? *	1 point
O 2/3	
1/3	
O 1/6	
3/2	

4. In a simultaneous throw of a pair of dice, find the probability of getting a total more than 7? *	1 point
5/12	
7/12	
6/12	
O 3/12	
5. A bag contains 6 white and 4 black balls. Two balls are drawn at random. Find the probability that they are of the same colour? *	1 point
8/15	
7/15	
O 11/15	
4/15	
6. Two dice are thrown together. What is the probability that the sum of the numbers on the two faces is divisible by 4 or 6? *	1 point
8/18	
O 13/18	
O 11/18	
7/18	

7. Two cards are drawn at random from a pack of 52 cards. What is the probability that 1 point either both are black or both are queens? *
55/221
64/221
53/121
67/121
8. In a lottery, there are 10 prizes and 25 blanks. A lottery is drawn at random. What is 1 point the probability of getting a prize? *
O 1/10
O 2/5
2/7
O 5/7
9. One card is drawn at random from a pack of 52 cards. What is the probability that 1 point the card drawn is a face card? *
O 1/13
3/13
O 1/4
9/52

10. A card is drawn from a pack of 52 cards. The probability of getting a queen of club or a king of heart is *	point
O 1/13	
O 2/13	
1/26	
O 1/52	
11. A bag contains 6 black and 8 white balls. One ball is drawn at random. What is the probability that the ball drawn is white? *	point
O 3/4	
4/7	
O 1/8	
O 3/7	
12. In a box, there are 8 red, 7 blue, and 6 green balls. One ball is picked up randomly. 1 What is the probability that it is neither blue nor green? *	point
O 2/3	
8/21	
7/19	
9/21	

13. A box, contains 4 red, 5 green and 6 white balls. A ball is drawn at random from the box . What is the probability that the ball drawn is either red or green? *	1 point
O 2/5	
3/5	
O 1/5	
7/15	
14. A basket contains 4 red, 5 blue and 3 green marbles. If 2 marbles are drawn at random from the basket , what is the probability that both are red? *	1 point
O 3/7	
O 1/2	
1/11	
O 1/6	
15. A basket contains 6 blue, 2 red, 4 green and 3 yellow balls. If three balls are picked up at random, what is the probability that none is yellow? *	1 point
3/455	
O 1/5	
O 4/5	
44/91	

16. In a class, there are 15 boys and 10 girls. Three students are selected at random. The probability that the selected students are 2 boys and 1 girl, is: *	1 point
21/46	
O 25/117	
O 1/50	
3/25	
17. Two dices are tossed. The probability that the total score is a prime number is: *	1 point
O 1/6	
O 1/2	
5/12	
7/9	
18. A committee of 3 members is to be selected out of 3 men and 2 women. What is the probability that the committee has at least 1 woman? *	1 point
O 1/10	
9/20	
O 1/20	
9/10	

19. Dev can hit a target 3 times in 6 shorts Pawan can hit the target 2 times in 6 shorts and Lakhan can hit the target 4 times in 4 shorts . What is the probability that at least 2 shorts hit the target? *	1 point
2/3	
O 1/3	
O 1/2	
O None of these	
20. A bag contains 10 mangoes out of which 4 are taken out together. If one of them is found to be good, the probability that other is also good is *	1 point
1/3	
8/15	
5/18	
O 2/3	
21. Tickets numbered from 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
9/20	
3/20	
O 2/5	
O 1/2	

22. Two cards are drawn from a pack of 52 cards. The probability that one is spade and one is a heart, is *	1 point
3/20	
29/34	
O 47/100	
13/102	
23. In a simultaneous toss of 2 coins, find the probability of 2 tails? *	1 point
1/4	
O 1/2	
O 2/1	
O 3/4	
24. A bag contains 6 red balls and 4 yellow balls. What is the probability that either 2 are red or 2 are yellow? *	1 point
7/15	
8/15	
13/15	
O 4/15	

25. In a single throw of 2 dices, find a probability of getting a total of 3 or 5? *	1 point
O 1/9	
O 1/4	
O 1/3	
1/6	
THANK YOU!!!	

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