

Statistics Ics Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	When sample space S is partitioned into some mutually exclusive events such that their union is sample space itself. Then the events are called	A. Simple events B. Compound events C. Equally likely events D. Exhaustive events
2	The number of terms in the expansion of the binomial $(p+q)^n$ is.	A. n B. n-1 C. n+1 D. 2n
3	A coin is tossed 3 times then, then number of sample points in the sample space is:	A. 2^3 B. 3 C. 8 D. Both A & C
4	An experiment which produced different outcomes even if it is repeated a large number of times, under similar conditions is called	A. Event B. Compound event C. Random experiment D. None of these
5	The probability of sure event is:	A. 0 B. 0.5 C. 1 D. Negative
6	A fair die is rolled, the sample space consists of:	A. 2 outcomes B. 6 outcomes C. 36 outcomes D. None of these
7	If two events cannot occur together they are said to be	A. Independent events B. Dependent events C. Mutually exclusive events D. Equally likely events
8	A person can choose a tie and a suit from 3 suits and 5 ties in	A. 8 ways B. 15 ways C. 30 ways D. None of these
9	The probability of drawing a "white" ball from a bag containing 4 red, 8 black and 3 white balls is:	A. 0 B. $\frac{3}{15}$ C. $\frac{1}{15}$ D. $\frac{2}{15}$
10	nC_r is calculated by formula	
11	A set containing only one element is called	A. Null set B. Universal set C. Subset D. Singleton set
12	How many possible permutations can be formed from the word COMMITTEE.	A. 45360 B. 9 C. 6 D. None of them
13	$P(A \text{ or } B) = P(A \cup B) = P(A) + P(B)$ then A and B are.	A. Mutually exclusive B. Independent events C. Not mutually exclusive D. Dependent
14	When each outcome of a sample is as equally likely to occur as any other, the outcome are called.	A. Mutually exclusive B. Equally likely C. Exhaustive D. Not mutually
15	In how many ways a team of 4 players be chosen from a total 10 persons.	A. 40 B. 210 C. 5040 D. None of these
16	If the chance of occurrence of two events are same then such events are called	A. Independent events B. Dependent events C. Mutually exclusive events

C. Mutually exclusive events
D. Equally likely events

17	A coin and die can be thrown together in	A. 2 ways B. 12 ways C. 8 ways D. None of these
18	There sets on a sofa can be occupied by four persons in.	A. 12 ways B. 7 ways C. 24 ways D. None of these
19	The probability of a 'Jack' Card form 52 playing card is:	A. 1/52 B. 4/52 C. 13/52 D. 26/52
20	The numebr of ways in whihc four books can be arranged on a shelf is.	A. 4 B. 6 C. 24 D. 12
