

Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	If a Vann diagram is drawn for events A and B which are mutually exclusive, which f the folloiwng would always be true of A and B.	A. Theire parts of the rectangle will overlap B. Their parts fo the rectangle will be equal in area C. Their parts of the rectangle will not overlap D. None of these
2	The probability of drawing a king of spade from a pack of 52 cards is.	A. 1/4 B. 1/13 C. 1/26 D. 1/52
3	When two dice are rolled, the numebr of possible sample points is.	A. 6 B. 12 C. 36 D. 48
4	Waht is the probability that a ball drawn at random from the bag is.	A. 0.1 B. 0.4 C. 1.0 D. Cannot be determined from given information
5	What is the probability that a value chosen at random from a particular population is larger than the median of the popultion.	A. 0.25 B. 0.5 C. 1.0 D. 0.67
6	Why are the outcomes of a coin tossing mutually exclusive.	A. The outcome of any toss is not affected by teh outcome of those preceding it. B. Both a head and a tail cannot turn up on any one toss C. The probability of getting a head and the probability of getting a tail is the same. D. All of these
7	The simple probability of occurrence of an event in called the.	A. Joint probability B. Conditional probability C. Marginal probability D. Subjective probability
8	If one event is unaffected by the outcome of another event, the two events are said to be	A. Dependent B. Independent C. Mutually exclusive D. Both b and c
9	Arrangement of things without regard to order is called.	A. Raw data B. Arrayed data C. Permutation D. Combination
10	AP_3 is equal to.	A. 3! B. 4! C. 5! D. 6!
11	A coin and die can be thrown together in	A. 2 ways B. 12 ways C. 8 ways D. None of these
12	${}^4C_5 = \dots\dots\dots$	A. 5 B. 1/5 C. 0 D. None of these
13	The number of terms in the expansion of the binomial $(p+q)^n$ is.	A. n B. n-1 C. n+1 D. 2n
		A. 2n - -

14	If n is the number of elements of a set. the total numebr of subsets of this set is	B. n^2 C. 2^n D. n
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	How many possible permutations can be formed from the word COMMITTEE.	A. 45360 B. 9 C. 6 D. None of them
17	The numebr of ways in whihc four books can be arranged on a shelf is.	A. 4 B. 6 C. 24 D. 12