

Statistics Ics Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	For a binomial distribution with $n = 5$ prob ($X = -2$) is.	A. 0 B. Greater than zero C. Less than zero D. None of these
2	In a hypergeometric distribution.	A. Mean > Variance B. Mean < variance C. Mean = variance D. Mean = Zero
3	A fair coin is tossed five the times. The probability of getting zero head is.	A. 1/2 B. 1/32 C. 6 D. 1/5
4	The variance of binomial distribution is	A. np B. nq C. npq D. pq
5	In which distribution the probabiliyt of success remains constant from triam to triail	A. Hypergometric distribution B. Binomiial distribution C. Sampling distribution D. Continuous distribution
6	The bionomial probability distribution is symmetrical when	A. p = q B. p < q C. p > q D. np > npq
7	If the probability of success $p=0.4$ for a parability Beronouli trial, the expression $7!/3!4!$ $(0.4)2$ $(0.6)2$ given the probility of getting.	A. Exactly three sucoseeson in seven trials B. Exactlyfour successin seven trials C. Three or more successes in seven trials D. Four or more successes in seven trials.
8	In a binomial expreiment with three trials, the variable can take.	A. 2 Values B. 3 Values C. 4 Values D. 5 Values
9	The hypergeometric distribution is used when trials are	A. Dependent B. Independent C. Equally likely D. Mutually exclusive
10	The numebr of trial in bionomial distribution is.	A. Not fixed B. Fixed C. Large D. Small
11	The probability of failure is equal to.	A. p B. 1 - q C. P - 1 D. 1 - P
12	In a binomial distribution	A. µ = σ² B. µ < σ² C. µ > µ > µ > µ >

		D. style="font-family: arial, sans-serif; font-size: 16px; color: rgb(34, 34, 34);">μ = 1 σ²
13	The mean of a binomial dristubution depends on	A. Parability of successB. Probability of failureC. Number of trialsD. Botha a and c
14	The hypergeometric distribution has parameters	A. Two B. Three C. Four D. Five
15	A four die is rolled three times. the probabiliyt of getting three area is.	A. 1/4 B. 1/6 C. 1/216 D. 1/27
16	A hypergometric random variable is a (an)	A. Independent variableB. Continuous random variableC. Discrete random variableD. None of these
17	In a bionial experiment, the successive trails are.	A. Dependent B. Independent C. Mutually exclusive D. Flxed
18	In which distribution the successive trials are without replacement.	A. Hypergometric distributionB. Bionomial dristributionC. Continuous distributionD. None of these
19	the numebr of possible outcomes in a Bernoulli trial is.	A. One B. Two C. Three D. Four
20	In binomial each trial has	A. One outcome B. Two outcomes C. Three outcomes D. Four outcomes