Statistics Ics Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	the numebr of possible outcomes in a Bernoulli trial is.	A. One B. Two C. Three D. Four
2	A fair coin is tossed four times the probability of getting four heads is	A. 1/4 B. 1/2 C. 1/16 D. 1
3	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
4	Both binomial and hypergeometric distribution are.	A. Continuous probability distribution B. Discrete prbability distributions C. Neither continous nor discrete probability distributions. D. Bivarieate distributions.
5	If N = 40, n = 5, k = 4, then mean of hypergeometic distribution is.	A. 1 B. 1/2 C. 1/4 D. 1/3
6	Binomial distribution is positive skewed when	A. p > q B. p = q C. p < q D. p = 1/2
7	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
8	The hypergeometric distribution has parameters	A. Two B. Three C. Four D. Five
9	In a hypergeometric distribution N = 6, n = 2, K = 3 Then mean.	A. 1 B. 2 C. 3 D. 4
10	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
11	In a binomial distribution	A. μ =σ² B. μ <σ² C. μ >σ² D. μ = 1σ²

12	In a hypergeometric distribution.	A. Mean > Variance B. Mean < variance C. Mean = variance D. Mean = Zero
13	The hypergeometric distribution is used when trials are	A. Dependent B. Independent C. Equally likely D. Mutually exclusive
14	In a binomial expreiment with three trials, the variable can take.	A. 2 Values B. 3 Values C. 4 Values D. 5 Values
15	The mean of a binomial dristubution depends on	A. Parability of success B. Probability of failure C. Number of trials D. Botha a and c
16	The numebr of trial in bionomial distribution is.	A. Not fixed B. Fixed C. Large D. Small
17	The probability of failure is equal to.	A. p B. 1 - q C. P - 1 D. 1 - P
18	A hypergometric random variable is a (an)	A. Independent variable B. Continuous random variable C. Discrete random variable D. None of these
19	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.
20	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