Statistics Ics Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	In a bionomial, n = 20, p = 3/5, then variance of this distribution is.	A. 12 B. 60 C. 4.8 D. 0
2	For a given binomial distribution with a fixed,if p < 0.5 , than	A. The binomial distribution will be skewed to the left. B. The binomial distribution will be skewed to the right C. The binomial distributio iwll be symmetric D. None of these
3	The bionomial probability distribution is symmetrical when	A. p = q B. p < q C. p > q D. np > npq
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 p = q = 1/2 then distribution is called.	A. Postively B. Skewed C. Symmetrical D. Negatively
6	A hypergometric random variable is a (an)	A. Independent variable B. Continuous random variable C. Discrete random variable D. None of these
7	In hyper geometric distribution n is.	A. Changed B. Zero C. Fixed D. variable
8	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
9	The hypergeometric experiment has propeties	A. One B. Three C. Four D. Five
10	In binomial distribution it is impossible to find	A. P(x L) B. P(x=0) C. P(x > 0) D. P(0≤ x≤∞)
11	In a hypergeometric distribution.	A. Mean > Variance B. Mean < variance C. Mean = variance D. Mean = Zero
12	The mean of a binomial distribution depends on.	A. Parability of success B. Parababilyt of failure C. Number of trials D. Both a and c
13	In which distribution the successive trials are without replacement.	A. Hypergometric distribution B. Bionomial dristribution C. Continuous distribution

		D. None of these
14	In which distribution the successive trials are with replacement	A. Hypergeometric B. Binomial distribution C. Continuous distribution D. Discrete distribution
15	The hypergeometric distribution is used when trials are	A. Dependent B. Independent C. Equally likely D. Mutually exclusive
16	The parameters of binomial distribution one	A. p and q B. q and n C. n and p D. n,p,q
17	The binomial distribution is negatively skewed if	A. P< 1/2 B. P = 1/2 C. P > 1/2 D. P = 1
18	If N = 40, n = 5, k = 4, then mean of hypergeometic distribution is.	A. 1 B. 1/2 C. 1/4 D. 1/3
19	The hypergeometric distribution has parameters	A. Two B. Three C. Four D. Five
20	Binomial distribution is negatively skewed if.	A. p < q B. p > q C. p = q D. np = npq