

## Statistics Ics Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	"P" or "q" can not be greater than	A. 1 B. 0 C. 2/3 D. 1/2
2	The numebr of trial in bionomial distribution is.	A. Not fixed B. Fixed C. Large D. Small
3	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
4	In a hypergeometric distribution.	A. Mean $>$ Variance B. Mean $<$ variance C. Mean = variance D. Mean = Zero
5	The mean of a binomial distribution depends on.	A. Parability of success B. Parababilityt of failure C. Number of trials D. Both a and c
6	In a hypergeometric distribution $N = 6$ , $n = 2$ , $K = 3$ Then mean.	A. 1 B. 2 C. 3 D. 4
7	In hypergometric distribution the trials are.	A. Independent B. Dependent C. Independent and dependent D. None of these
8	In which distribution the successive trials are with replacement	A. Hypergeometric B. Binomial distribution C. Continuous distribution D. Discrete distribution
9	Binomial distribution is negatively skewed if.	A. $p <$ q B. $p >$ q C. $p = q$ D. $np = npq$
10	In a binomial expreiment with three trials, the variable can take.	A. 2 Values B. 3 Values C. 4 Values D. 5 Values
11	For positively skewed binomial distribution	A. $P = 0$ B. $P <$ 0.5 C. $P >$ 0.5 D. $P = 0.5$
12	A hypergometric random variable is a (an)	A. Independent variable B. Continuous random variable C. Discrete random variable D. None of these
13	In a bionomial, $n = 20$ , $p = 3/5$ , then variance of this distribution is.	A. 12 B. 60 C. 4.8 D. 0
14	The variance of binomial distribution is	A. np B. nq C. npq D. pq
		A. The number of difective items

15	Which of the following can never be described by a binomial distributions.	produced by an assembly process B. The amount of water used by a single household C. the numebr of students in the class who can answer this questions D. All of these can always be described by a binomial distribution
16	In hyper geometric distribution n is.	A. Changed B. Zero C. Fixed D. variable
17	Both binomial and hypergeometric distribution are.	A. Continuous probability distribution B. Discrete prbability distributions C. Neither continous nor discrete probability distributions. D. Bivariate distributions.
18	Binomial distribution has parameter	A. One B. Two C. Three D. Four
19	Binomial distribution is positive skewed when	A. $p > q$ B. $p = q$ C. $p < q$ D. $p = 1/2$
20	In which distribution the successive trails are with replacement.	A. Hypergometric distribution B. Binomial distribution C. Continuous distribution D. None of these