

## Statistics Ics Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	A binomial random variable can assume the values	A. 1,2,.....n B. 0,1,2,.....00 C. 0,1,2,.....n D. 2,4,6,8,10
2	Binomial distribution is negatively skewed if.	A. $p < q$ B. $p > q$ C. $p = q$ D. $np = npq$
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	In hyper geometric distribution n is.	A. Changed B. Zero C. Fixed D. variable
5	The probability of failure is equal to.	A. p B. $1 - q$ C. $P - 1$ D. $1 - P$
6	In a binomial, $n = 20$ , $p = 3/5$ , then variance of this distribution is.	A. 12 B. 60 C. 4.8 D. 0
7	In which distribution the successive trials are with replacement	A. Hypergeometric B. Binomial distribution C. Continuous distribution D. Discrete distribution
8	the number of possible outcomes in a Bernoulli trial is.	A. One B. Two C. Three D. Four
9	The number of trial in binomial distribution is.	A. Not fixed B. Fixed C. Large D. Small
10	The binomial probability distribution is symmetrical when	A. $p = q$ B. $p < q$ C. $p > q$ D. $np > npq$
11	In a hypergeometric distribution.	A. Mean $>$ Variance B. Mean $<$ variance C. Mean = variance D. Mean = Zero
12	In which distribution the successive trials are without replacement.	A. Hypergeometric distribution B. Binomial distribution C. Continuous distribution D. None of these
13	A hypergeometric random variable is a (an)	A. Independent variable B. Continuous random variable C. Discrete random variable D. None of these
14	The binomial distribution is negatively skewed if.	A. $p < 1/2$ B. $p = 1/2$ C. $p > 1/2$ D. $p = 1$
15	Binomial distribution has parameter	A. One B. Two C. Three D. Four

16	Binomial distribution is positive skewed when	A. $p > q$ B. $p = q$ C. $p < q$ D. $p = 1/2$
17	A binomial random variable is a (an)	A. Continuous random variable B. Discrete random variable C. Dependent variable D. Independent variable
18	The hypergeometric experiment has properties	A. One B. Three C. Four D. Five
19	If $p = q = 1/2$ then distribution is called.	A. Positively B. Skewed C. Symmetrical D. Negatively
20	In which distribution the probability of success remains constant from trial to trial	A. Hypergeometric distribution B. Binomial distribution C. Sampling distribution D. Continuous distribution