

## Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Binomial distribution is negatively skewed if.	A. $p < q$ B. $p > q$ C. $p = q$ D. $np = npq$
2	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
3	If $N = 40$ , $n = 5$ , $k = 4$ , then mean of hypergeometric distribution is.	A. 1 B. $1/2$ C. $1/4$ D. $1/3$
4	The binomial distribution is negatively skewed if.	A. $p < 1/2$ B. $p = 1/2$ C. $p > 1/2$ D. $p = 1$
5	In a hypergeometric distribution.	A. Mean $>$ Variance B. Mean $<$ variance C. Mean = variance D. Mean = Zero
6	The numebr of trial in binomial distribution is.	A. Not fixed B. Fixed C. Large D. Small
7	In a binomial expreiment with three trials, the variable can take.	A. 2 Values B. 3 Values C. 4 Values D. 5 Values
8	The probability of failure is equal to.	A. $p$ B. $1 - q$ C. $P - 1$ D. $1 - P$
9	The hyper-geometric distribution has..... parameters.	A. 1 B. 2 C. 3 D. 4
10	If $p = q = 1/2$ then distribution is called.	A. Postively B. Skewed C. Symmetrical D. Negatively
11	Binomial distribution is positive skewed when	A. $p > q$ B. $p = q$ C. $p < q$ D. $p = 1/2$
12	In a binomial, $n = 20$ , $p = 3/5$ , then variance of this distribution is.	A. 12 B. 60 C. 4.8 D. 0
13	In hyper geometric distribution $n$ is.	A. Changed B. Zero C. Fixed D. variable
14	In a hypergeometric distribution $N = 6$ , $n = 2$ , $K = 3$ Then mean.	A. 1 B. 2 C. 3 D. 4
15	The percentage of observations lying within the items $X \pm 3S$ in the normal distribution.	A. 68.26% B. 95.44% C. 70.00% D. 99.75%

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16 The binomial probability distribution is symmetrical when

- A.  $p = q$   
B.  $p < q$   
C.  $p > q$   
D.  $np > npq$
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17 In a binomial experiment, the successive trials are.

- A. Dependent  
B. Independent  
C. Mutually exclusive  
D. Fixed
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