

## Statistics Ics Part 1 Chapter 8 Online Test

Sr	Questions	Answers Choice
1	In hypergeometric distribution, the successive trials are.	A. Dependent B. Independent C. Both (A) & D. None of these
2	The binomial distribution has the following parameters.	A. p & q B. n & q  C. n, p & q D. None of these
3	N-K is classified as	A. Success B. Failures C. Parameters D. Range
4	The number of possible outcomes in Bernoulli trial is	A. Three B. Four C. Two D. One
5	Binomial distribution is positively skewed	A. P < 1/2 B. P > 1/2 C. P = 1/2 D. P < q < <sup>1</sup> / <sub>2</sub>
6	Binomial distribution is used when n is	A. Large B. Small C. Negative D. Zero
7	When X denotes the number of success in binomial experiment, it is called.	A. Random variable B. Binomial random variable C. Continuous random variable D. Both (B) and (C) but not (A)
8	For a binomial probability distribution: $n=10\ \&$ the probability of failure (q =0.6), then mean of the distribution is .	A. 0.6 B. 6.0 C. 10 D. 4
9	Random number can be generated manully by	A. Dawing cards from numbered card     B. Roitaing or spinning numbered     wheels     C. Use of random numbers table     D. All of these
10	When we draw the sample with replacement (the first sample is replaced before the next draw), the probability distribution to be used is:	A. Binomial B. Hypergeometric C. Both Binomial & D. None of these
11	In binomial distribution, the random variable has a range:	A. 0,1,2n B. 0,1,2,+∞ C∞ to +∞ D. ∞ to +0
12	Random numbers can be generated	A. Manually B. Mechanically C. Botha a and b D. None of these
13	A fair coin is tossed four times the probability of getting four heads is	A. 1/4 B. 1/2 C. 4/6 D. 1
14	The binomial distribution is symmetrical if	A. p = 1/2 B. P > 1/2 C. p < 1/3 D. P

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15	The hypergeometric distribution has parameters	A. One B. Two C. Three D. Four
16	The parameters of hypergeometric distribution are:	A. n,k & p B. n, k & q C. n, p & q D. n, k &  N
17	Hypergeometric distribution is a	<ul><li>A. Continuous distribution</li><li>B. Discrete distribution</li><li>C. Simple distribution</li><li>D. Normal distribution</li></ul>
18	The probability of success from one trial to another when trials are dependent	A. Remains constant B. Is changed C. One D. Zero
19	if X and Y are independent random varaibesl the S.D. (X-Y) is equal to	A. Var (X) - var (Y) B. Var (X) + Var (Y) C. E(X-Y)2 D. E(X + Y)2
20	The parameters of the binomial distributions are	A. x and n B. x and p C. p and q D. n and p