

Statistics Ics Part 1 Chapter 8 Online Test

Sr	Questions	Answers Choice
1	Random number can be generated manully by	A. Dawing cards from numbered cards B. Roitaing or spinning numbered wheels C. Use of random numbers table D. All of these
2	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)
3	The mean of binomial distribution is always:	A. Equal to variance B. Less than variance C. Greater then variance D. None of the these
4	The binomial distribution is symmetrical if	A. p = 1/2 B. P > 1/2 C. p < 1/3 D. P ≠ q
5	In binomial experiment successive trials are:	A. Dependent B. Independent C. May be independent or dependent D. None of these
6	If we do not replace the draw cards back into the pack before the next draw, the used probability distribution will be:	A. Binomial B. Hypergeometric C. Both binomial & Description of the Service Amp; And Service Amp; And Service Amp; D. None of these
7	If $(E(X) = E$ than find arithmetic means will be.	A. 1 B. 4 C. 0 D. 8
8	Mean of hypergeometric distribution is	A. np C. np D. Nnk
9	If x is discrete random variable, then the function f (x) is.	A. A probability function B. A density function C. A probability density function D. A distribution function
10	The binomial distribution is symmetrical when:	A. P > q B. p = 1/2 C. Probability of success & amp; probability of failure are & nbsp; equal D. Both (B) and (C)
11	Hypergeometric distribution is a	A. Continuous distribution B. Discrete distribution C. Simple distribution D. Normal distribution
12	The parameters of hypergeometric distribution are:	A. n,k & p B. n, k & q C. n, p & q D. n, k & N
13	The binomial distribution deal with:	A. Discrete variable B. Continuous variable C. None of these
14	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

15	A fair die is rolled three times. The probability of getting three "aces" is	A. 1/3 B. 1/6
16	If in binomial distribution, μ = 6, p = 3/5, the number of trial are:	A. 18 B. 30 C. 10 D. None of these
17	The probability of success from one trial to another when trials are dependent	A. Remains constant B. Is changed C. One D. Zero
18	Variance of binomial distribution is	A. np B. √ npq C. npq D. nq
19	Random numbers can be generated mechanically by	A. By use of digital computers B. Probgrammable calculators C. Ordinary calculators D. Both a and b
20	the discrete probability distributio may be represented by.	A. A table B. A graph C. A mathematical equation D. All of these