Statistics Ics Part 1 Chapter 8 Online Test

Sr	Questions	Answers Choice
1	Hypergeometric distribution is a	A. Continuous distribution B. Discrete distribution C. Simple distribution D. Normal distribution
2	Random numbers are generated from the single digit numbers.	A. { 1,2,3,..... 10 } B. { 0, 1,2,..... 10} C. { 0,1,2.....} D. {0,1,2,..... 9}
3	Random numbers can be generated mechanically by	A. By use of digital computers B. Probgrammable calculators C. Ordinary calculators D. Both a and b
4	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
5	An expected value of a random variable is equal to its.	A. Variance B. B.D. C. Mean D. Co - Variance
6	Mean of hypergeometric distribution is	A. np C. np D. Nnk
7	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
8	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)
9	The probabilyt density function p (x) cannot exced.	A. zero B. One C. Mean D. Infinity
10	If in binomial distribution, μ = 6, p = 3/5, the number of trial are:	A. 18 B. 30 C. 10 D. None of these
11	Which of the following distribution(s) has 3 parameters.	A. Binomial distribution B. Hypergeometric distribution C. Both of the above D. None of these
12	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
13	The repeated trials of binomial experiments are	A. Dependent B. Independent C. Fixed D. Variable
14	The probability of success ---------- from one trial to another when trials are dependent	A. Remains constant B. Is changed C. One D. Zero
15	Which of the following case is true for hypergeometric distribution.	A. Probability remains constant for all trials B. Probability changes

		C. successive trials are dependent D. Both (B) and (C) but not (A)
16	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 & hypergeometric D. None of these
17	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
18	Binomial distribution is used when n is	A. Large B. Small C. Negative D. Zero
19	Its value cannot be exactly examined.	A. Ranodm variable B. Fixed varaible C. Mathematical variable D. Variable
20	Probility density function is the probebilyt function of..... random variable.	A. Discrete B. Qualitative C. Continuous D. None