Statistics Ics Part 1 Chapter 8 Online Test

Sr	Questions	Answers Choice
1	The parameters of hypergeometric distribution are:	A. n,k & p B. n, k & q C. n, p & q D. n, k & N
2	If x is a continuous random vriable, then the function f (x) is.	A. A probability function B. A probability denaity function C. A density function D. Both b and c
3	Each trial of binomial experiment results in an outcome which can be classified in two categories	A. Head or tail B. Ace or six C. Success and failure D. None of these
4	Which of the following is true for binomial distribution	A. Mean > variance B. Mean < variance C. Mean = variance D. Mean + standard deviation
5	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)
6	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
7	N-K is classified as	A. Success B. Failures C. Parameters D. Range
8	Binomial distribution is positively skewed	A. $P < 1/2$ B. $P > 1/2$ C. P = 1/2 D. $P < q < {}^1/_2$
9	Hypergeometric distribution is a	A. Continuous distribution B. Discrete distribution C. Simple distribution D. Normal distribution
10	If (E(X) = E than find arithmetic means will be.	A. 1 B. 4 C. 0 D. 8
11	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
12	If C is a non -random variabe than E (C) is.	A. c B. 0 C. 1 D. x
13	The mean of binomial distribution is always:	A. Equal to variance B. Less than variance C. Greater then variance D. None of the these
14	Random numbers can be generated	A. Manually B. Mechanically C. Botha a and b D. None of these
	If the random variable Y denotes the number of heads in a three coin distribution	A. 0.1.2.3

15	If the random variable X denotes the number of heads when three distinct coins are tossed, then X assumes the value.	B. 1,3,3,1 C. 1,2,3 D. None of these
16	The probabilyt that a continous random varaibe 'x' takes on specific value of x is.	A. Greater thaan zero B. Less than zero C. Equal to Zero D. 0 to 1
17	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}
18	Mean of hypergeometric distribution is	A. np C. np D. Nnk
19	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
20	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)