Statistics Ics Part 1 Chapter 8 Online Test

Sr	Questions	Answers Choice
1	Random numbers can be generated mechanically by	A. By use of digital computers B. Probgrammable calculators C. Ordinary calculators D. Both a and b
2	The probability of even/odd number when a fair die rolled is:	A. 1/6 B. 2/6 C. 1/36 D. 3/6
3	In binomial distribution, the random variable has a range:	A. 0,1,2.....n B. 0,1,2,.....+∞ C. -∞ to +∞ D. ∞ to +0
4	N-K is classified as	A. Success B. Failures C. Parameters D. Range
5	The repeated trials of binomial experiments are	A. Dependent B. Independent C. Fixed D. Variable
6	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)
7	Which of the following distribution(s) has 3 parameters.	A. Binomial distribution B. Hypergeometric distribution C. Both of the above D. None of these
8	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
9	The probabilyt density function p (x) cannot exced.	A. zero B. One C. Mean D. Infinity
10	If the random variable X denotes the number of heads when three distinet coins are tossed,then X assumes the value.	A. 0.1.2.3 B. 1,3,3,1 C. 1,2,3 D. None of these
11	A copntinuous probability distribution may be represented by.	A. A table B. a graph C. A mathmethical equation D. Botha b and c
12	The binomial distribution is symmetrical if	A. p = 1/2 B. P > 1/2 C. p < 1/3 D. P ≠ q
13	Probility density function is the probebilyt function of..... random variable.	A. Discrete B. Qualitative C. Continuous D. None
14	The expected value of a discrete random variable is.	A. Always an integer B. Always one of the values that the random variable can assume C. An interal of values

		D. None of these
15	The number of possible outcomes in Bernoulli trial is	A. Three B. Four C. Two D. One
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	An expected value of a random variable is equal to its.	A. Variance B. B.D. C. Mean D. Co - Variance
18	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)
19	The probability of success changes from trial to trial, is the property of:	A. Binomial experiment B. Hypergeometric experiment C. Both A and B D. None of these
20	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}