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	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
3	The probability of even/odd number when a fair die rolled is:	A. 1/6 B. 2/6 C. 1/36 D. 3/6
4	The number of possible outcomes in Bernoulli trial is	A. Three B. Four C. Two D. One
5	If in binomial distribution, $\mu = 6$, $p = 3/5$, the number of trial are:	A. 18 B. 30 C. 10 D. None of these
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	N-K is classified as	A. Success B. Failures C. Parameters D. Range
8	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
9	The probability of success ------------ from one trial to another when trials are dependent	A. Remains constant B. Is changed C. One D. Zero
10	If X and Y are independent random variables , the E (XY) is equal to.	A. E(XY) B. E(X) E(Y) C. XE(Y) D. YE(X)
11	A fair die is rolled three times. The probability of getting three "aces" is	A. 1/3 B. 1/6
12	Binomial distribution is used when n is	A. Large B. Small C. Negative D. Zero
13	The parameters of the binomial distributions are	A. x and n B. x and p C. p and q D. n and p
14	The mean of binomial distribution is always:	A. Equal to variance B. Less than variance C. Greater then variance D. None of the these
15	The parameters of hypergeometric distribution are:	A. n,k & p B. n, k & q C. n, p & q

16	If (E(X) = E than find arithmetic means will be.	A. 1 B. 4 C. 0 D. 8
17	The repeated trials of binomial experiments are	A. Dependent B. Independent C. Fixed D. Variable
18	Binomial distribution is positively skewed	A. P < 1/2 B. P > 1/2 C. P = 1/2 D. P < q < ¹/₂
19	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
20	In binomial distribution, the random variable has a range:	A. 0,1,2...................n B. 0,1,2,......+∞ C. -∞ to +∞ D. ∞ to +0