Statistics Ics Part 1 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	Waht is the probability that a ball drawn at random from the bag is.	A. 0.1 B. 0.4 C. 1.0 D. Cannot be determined from given information
2	A set of numerical values assigned to a sample space is called.	A. Random sample B. Random variable C. Random numbers D. Random experiment
3	Hourly temperature recorded by weather brave is the example of:	A. Discrete variable B. Continuous variable C. Qualitative D. Both A and B
4	The probability of a continuous random variable at x = a is ----------	A. One B. Zero C. Between 0 and 1 D. More than one
5	The properties of discrete probability distribution are:	A. Σp (x) = 1 and Σx. (x) = 1 B. ΣP (x)= 1 and Σx. P C. ΣP(x) = 1 and 0 < P(x) ≤ 1 D. All of these above
6	The simplest form of the continues distribution is the	A. Skewed distribution B. Kurtic distribution C. Binomial distribution D. Uniform distribution
7	When a pair of dice is rolled, the sum of upperemost dots vary from.	A. 0 to 10 B. 1 to 11 C. 2 to 19 D. 2 to 12
8	The simplest form of the continuous distribution is the.	A. Skewed distribution B. Kurtic distribution C. Binomial distribution D. Uniform distribution
9	For two independent random variables, Var(x) = 14 and Var(Y) = 5, then var (X-y) is equal to.	A. 9 B. 70 C. 19 D. None of these
10	probability distribution of a continuous random variable can be presented by.	A. Formula B. Curve C. Tabular form D. None of these
11	When two dice are rolled, the numebr of possible sample points is.	A. 6 B. 12 C. 36 D. 48
12	For discrete random variable 'X' the expectation of X I-e E(x) is equal to:	A. Σp(x) B. Σxp(x) C. Σx²p(x) D. One
13	The probability of getting an odd number when a balanced die is rolled is.	A. 1/2 B. 1/3 C. 1/4 D. 1/6
14	F(-∞) is always equal to.	A. Zero B. One C. Two D. Negative one
15	E(x) = Σxf(x) if it _____ absolutely.	A. Equal B. Converges C. Discrete

		D. None of these
16	The sum of probabilities of events of a sample space is always.	A. Equal B. Discrete C. Continuous D. Always greater then oen
17	The probability of drawing two acea from apack of 52 cards with replacement is.	A. 1/169 B. 1/10 C. 1/4 D. 1/256
18	Is the tossing of two perfect coins the probability at least one head occur is.	A. 1/4 B. 1 C. 1/2 D. 3/4
19	E(x - μ) is equal to:	A. E(x) B. zero C. μ D. X - μ
20	When three coins are tossed simulatneously, P(3 heads) is.	A. 3/8 B. 1/2 C. 1/8 D. 1/4