Statistics Ics Part 1 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	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
2	E(y-μ) is equal to	A. E(y) B. μ C. zero D. y-μ
3	Var (KY) = ...	A. KY B. K² Var(Y) C. K²Var (Y) D. None of these
4	E(X ± Y) =.....	A. E(X) + E(Y) B. E(X) - E (Y) C. E(x) ± E (Y) D. None of these
5	Probability distribution of a continuous random variable can be presented by	A. tabular form B. Formula C. Curve D. None of these
6	The probability distribution of discrete random variable is called is	A. Frequency distribution B. Probability distribution C. Probability mass function D. Both (a) and (b)
7	If x is a random variable with E(x) = 5 then E(3x - 2) =	A. 0 B. 1 C. 13 D. All of them
8	Which one is not an example of random experiments.	A. A coin is tossed and the outcome is either a head or a tail B. A six sided aid is rolled C. All medical insurance clams received by a company in a given year. D. Some one of person will be admitted to a hospital emergency room during any hour.
9	Which of the following is suitable for discrete probability distribution.	A. Frequency polygon B. Probability C. Ogive D. Histogram
10	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
11	The simple probability of occurrence of an event in called the.	A. Joint probability B. Conditional probability C. Marginal probability D. Subjective probability
12	The numbered balls are paced in an urn, Numbers 1- 4 are red and numbers 5 -10 are blue. the probability that a ball drawn at random from the run is blue is.	A. 0.1 B. 0.4 C. 0.6 D. 1.0
13	When a die and a coin are rolled together all possible outcomes are.	A. 2 B. 6

		C. 12 D. 36
14	The coins are tossed, the porbability of two tails is euql to.	A. 1/2 B. 1/4 C. 3/4 D. 1
15	The probability of continuous random variable at x = a is_____.	A. One B. Zero C. Between D. More then one
16	If two coins are tossed, the probability of getting one head and one tail is.	A. 1/4 B. 2/4 C. 3/4 D. 2/3
17	The Area of trapezoid is equal to:	A. sum of paralled sides x base B. sum of paralled sides x base/2 C. 2 x base x sum of paralled side D. Sum of paralled sides x base/4
18	Which of the following cannot be probability of an event.	A. 0 B. 1 C. 0.32 D. 1.00
19	Events with equal probabilities are called.	A. Mutually exclusive events B. Exhauative events C. Eqauily likely events D. Simple events
20	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