Statistics Ics Part 1 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	If the random variable x denotes the number of heads of when three distinct coins are tossed k the X assumes values.	A. 0,1,2,3 B. 1,3,3,1 C. 1,2,3 D. 1,1,1,1
2	A student soved 25 questions from first 50 questios of a book to be solved. The prob, that he will solve the remaining all questions.	A. 0.25 B. 0.51 C. 1 D. 0
3	The probability of drawing a king of spade from a pack of 52 cards is.	A. 1/4 B. 1/13 C. 1/26 D. 1/52
4	When two coins are tossed simulataneously the probability of at most one head is.	A. 1/2 B. 1/4 C. 3/4 D. None of these
5	E(Y2) -[E(y)]2 is the formula, and to compute.	A. Variance of the random variable B. Mean of the random variable C. Both A and B D. None of these
6	Tossing two dice possble sampes are.	A. 2 B. 6 C. 12 D. 36
7	The simple probability of occurrence of an event in called the.	A. Joint probability B. Conditional probability C. Marginal probability D. Subjective probability
8	F (+∞) is always equal to:	A. 0 B. Two C. One D. None of these
9	Question Image	A. 8 B. 0 C. 1/8 D. 3
10	If mean = 25 and variance is also 25, then coefficient of variation is	A. 100% B. 25% C. 20% D. 10%
11	Why are the outcomes of a coin tossing mutually exclusive.	A. The outcome of any toss is not affected by teh outcome of those preceding it. B. Both a head and a tail cannot turn up on any one toss C. The probability of getting a head and the probability of getting a tail is the same. D. All of these
12	If a Vann diagram is drawn for events A and B which are mutually exclusive, which f the folloiwng would always be true of A and B.	A. Theire parts of the rectangle will overlap B. Their parts fo the rectangle will be equal in area C. Their parts of the rectangle will not overlap D. None of these
13	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
14	If one event is unaffected by the outcome of another event, the two events are said to be	A. Dependent B. Independent

	[illegible]	C. Mutually exclusive D. Both b and c
15	The simplest form of the continuous distribution is the.	A. Skewed distribution B. Kurtic distribution C. Binomial distribution D. Uniform distribution
16	the collection of all possible outcome of a random experimnet is called.	A. Sample point B. Sure event C. sample event D. simple event
17	The simplest form of the continues distribution is the	A. Skewed distribution B. Kurtic distribution C. Binomial distribution D. Uniform distribution
18	The result of no interest of an experiment is called.	A. Contstant B. even C. Failure D. Success
19	Var (B/aX) =?	A. 1/aVar(X) B. b²/a² Var(X) C. b²/a Var(X) D. None of these
20	When two dice are rolled, the numebr of possible sample points is.	A. 6 B. 12 C. 36 D. 48