

Statistics Ics Part 1 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	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
2	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 nbsp; D. Sum of paralled sides x base/4
3	Var (3x+2)	A. 3Var(x) + 2 B. 9Var(x) +2 C. Var (x) + 0 nbsp; D. 3Var (X)
4	The range of probability is between	A. 0 to 2 B. -1 to +1 C. 0 to 8 D. 0 to 1
5	A set of numerical values assigned to a sample space is called.	A. Random sample B. Random variable C. Random numbers D. Random experiment
6	If the random variable x denotes the number of heads when three distinct coins are tossed, the x assumes values	A. 0, 1, 2, 3 B. 1, 3, 3, 1 C. 1, 2, 3 D. None of these
7	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
8	Question Image <input style="width: 100px; height: 15px;" type="text"/>	A. 8 B. 0 C. 1/8 D. 3
9	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
10	If a Vann diagram is drawn for events A and B which are mutually exclusive, which f the followng would always be true of A and B.	A. Their 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
11	For a constant k, the variance of k is	A. zero B. k² C. k D. none of these
12	probability distribution of a continuous random variable can be presented by.	A. Formula nbsp; B. Curve C. Tabular form D. None of these<div> </div>
13	$F(y_1) \leq F(y_2)$ if	A. $y_1 \leq y_2$ B. $y_1 > y_2$ C. $y_1 \leq y_2$ D. $y \geq 1/2$
14	Which of the following cannot be probability of an event.	A. 0 B. 1 C. 0.32 D. 1.00

15	The probability of continuous random variable at $x = a$ is_____.	A. One B. Zero C. Between D. More then one
16	What is the probability that a value chosen at random from a particular population is larger than the median of the population.	A. 0.25 B. 0.5 C. 1.0 D. 0.67
17	The sum of probabilities of events of a sample space is always.	A. Equal B. Discrete C. Continuous D. Always greater then oen
18	Tossing two dice possble sampes are.	A. 2 B. 6 C. 12 D. 36
19	The simplest form of the continues distribution is the	A. Skewed distribution B. Kurtic distribution C. Binomial distribution D. Uniform distribution
20	A random variable is also called.	A. Chance variable B. Stochastic variable C. Discrete variable D. Both A and B