Statistics Ics Part 1 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	If a is a constant then E(a) is equal to	A. a B. Square of a C. Zero D. 2a
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	the term 'event' is used for.	A. Time B. Subaet of the sample space C. Total number of outcomes D. Probability
4	Var (KY) = ...	A. KY B. K^2 Var(Y) C. K^2Var (Y) D. None of these
5	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
6	The probability of an event connot be.	A. = 0 B. > 0 C. =1 D. < 0
7	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
8	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
9	Tossing two dice possble sampes are.	A. 2 B. 6 C. 12 D. 36
10	$F(-\infty)$ is always equal to.	A. Zero B. One C. Two D. Negative one
11	What is the probability that a value chosen at random from a particular population is larger than the median of the popultion.	A. 0.25 B. 0.5 C. 1.0 D. 0.67
12	$F(y_1) \leq F(y_2)$ if	A. $y_1 = y_2$ B. $Y_1 > y_2$ C. $y_1 \leq y_2$ D. $y \geq 1/2$
13	$E(x - \mu)$ is equal to:	A. E(x) B. zero C. μ D. X - μ
14	The probability of drawan any one spade card is.	A. 1/32 B. 1/18 C. 1/4 D. 4/13
		A. zero

15	For a constant k, the variance of k is	B. k^2 C. k D. none of these
16	When two coins are tossed simultaneously, P (one head) is.	A. 1/2 B. 1/4 C. 3/4 D. 1.0
17	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
18	Coefficient of variation (C.V) is given below	A. Mean /S.D x10 B. Mean/S.D x 100 C. S.D/Mean x 100 D. S.D/ Mean
19	The probability of a continuous random variable at x = a is --------------	A. One B. Zero C. Between 0 and 1 D. More than one
20	If x is a random variable with E(x) = 5 then E (3x - 2) =	A. 0 B. 1 C. 13 D. 15