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Statistics Ics Part 1 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	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
2	Question Image	A. $y_1 = y_2$ B. $Y_1 >$ y_2 D. None of these
3	When three coins are tossed simulatneously, P(3 heads) is.	A. 3/8 B. 1/2 C. 1/8 D. 1/4
4	If x and y are independent random variables, then E(xy)	A. E(xy) B. xE(y) C. E(x) D. E(x)E(y)
5	Var (KY) = ...	A. KY B. K^2 Var(Y) C. K^2 Var (Y) D. None of these
6	When two dice are rolled, the numebr of possible sample points is.	A. 6 B. 12 C. 36 D. 48
7	F(-∞) is always equal to.	A. Zero B. One C. Two D. Negative one
8	Which of the following cannot be probability of an event.	A. 0 B. 1 C. 0.32 D. 1.00
9	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
10	The simple probability of occurrence of an event in called the.	A. Joint probability B. Conditional probability C. Marginal probability D. Subjective probability
11	Probability distribution of a continuous random variable can be presented by	A. tabular form B. Formula C. Curve D. None of these
12	The coins are tossed, the porbability of two tails is euql to.	A. 1/2 B. 1/4 C. 3/4 D. 1
13	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
14	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
15	The range of probability is between	A. 0 to 2 B. -1 to +1 C. 0 to 8 ~~D. 0 to 1~~

16	The probability of getting two red balls with replacement from a bag containing 4 red, 3 white and 3 black balls is.	A. 4/25 B. 1/25 C. 9/100 D. 2/25
17	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)
18	If x is a random variable with E(x) = 5 then E(3x - 2) =	A. 0 B. 1 C. 13 D. All of them
19	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
20	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