

Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	If a distribution has two modes, than it is called.	A. Uni- model B. Bi - mdoel C. Tri-model D. Multi model
2	In binomial distribution, the random variable has a range:	A. 0,1,2.....n B. 0,1,2,.....+∞ C. -∞ to +∞ D. ∞ to +0
3	Classification of data by their time of occurrence is called.	A. Temporal or choronologicla classification B. Geographical classification C. Quantitative classification D. Qualitative classification
4	The probability of success ----- from one trial to another when trials are dependent	A. Remains constant B. Is changed C. One D. Zero
5	If the random variable X denotes the number of heads when three distinet coins are tossed,then X assumes the value.	A. 0,1,2,3 B. 1,3,3,1 C. 1,2,3 D. None of these
6	Which is appropriate average for finding the average speed of a journey.	A. Mean B. Geometric mean C. Harmonic mean D. Weighted mean
7	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.
8	Question Image	A. $y_{1} = y_{2} >$ B. $y_{1} > y_{2}$ C. $y_{1} < y_{2}$ D. None of these
9	The coins are tossed, the porbability of two tails is euql to.	A. 1/2 B. 1/4 C. 3/4 D. 1
10	Mean of hypergeometric distribution is	A. np C. np D. Nnk
11	Continuous data are differentiated from discrete data in that.	A. Discrete data classes are represented by fractions B. Continuous data classes may be represented by fractions C. Continuous data take on only whole numbers D. Discrete data can take on any real number
12	If mean = 40 , Mdoe - 42 , then distributiion is.	A. 4 skew B. 2 skew C. Symmetrical D. All of these
13	In a bional experiment, the successive trails are.	A. Dependent B. Independent C. Mutually exclusive D. Fixed

A. Formula

14	probability distribution of a continuous random variable can be presented by.	B. Curve C. Tabular form D. None of these
15	A letter is chosen at random from the word STATISTICS, The probability of getting a vowel is.	A. 1/5 B. 3/10 C. 1/2 D. 2/5
16	The probability density function $p(x)$ cannot exceed.	A. zero B. One C. Mean D. Infinity
17	The probability of a 'Jack' Card from 52 playing card is:	A. 1/52 B. 4/52 C. 13/52 D. 26/52
18	The probability of getting one red ball from a bag containing 4 red, 3 white and 3 black balls is.	A. 3/10 B. 1/5 C. 2/5 D. 1/2
19	Primary data are same:	A. Group B. Ungroup C. Random D. None of these
20	In a binomial, $n = 20$, $p = 3/5$, then variance of this distribution is.	A. 12 B. 60 C. 4.8 D. 0