Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Probility density function is the probebilyt function of.............. random variable.	A. Discrete B. Qualitative C. Continuous D. None
2	How many methods are used for the collection of data.	A. 1 B. 2 C. 3 D. 4
3	A collection of all elements in a group is called.	A. Sample B. Data C. Registration D. Population
4	Second moment about mean is called	A. Standard deviation B. Mean deviation C. Variance D. Coefficient of variation
5	Standard deviation is always calculate form:	A. Mean B. Median C. Mode D. All of the above
6	Which of the following indices has an upward bias.	A. Laspeyres' index B. Paache's index C. Fisher's index D. None of these
7	Registration is the source of.	A. Ogive B. Secondary data C. Primary data D. Histogram
8	The suitable average for shoe or collar size is.	A. Geometric mean B. Arithmetic mean C. Mode D. Median
9	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
10	In hypergometric distribution the trials are.	A. Independent B. Dependent C. Independent and dependent D. None of these
11	Var (3x+2)	A. $3Var(x) + 2$ B. $9Var(x) +2$ C. $Var (x) + 0$ D. $3Var (X)$
12	A portion of populatin selected for study is called.	A. Parameter B. Statistic C. Population D. Sample
13	For moderately positively skewed distribution the following relation hold	A. Mean > median > mode B. Mean=median=mode C. Mean < median< mode D. None of these
14	Which of the following measures of dispersion is independent of the units employed.	A. Standard deviation B. Quartile deviation C. Coefficient of variation D. Variance
15	teh most frequent value of the data if it exists is.	A. A.M B. G.M C. Mode D. Median

16	If (E(X) = E than find arithmetic means will be.	A. 1 B. 4 C. 0 D. 8
17	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
18	A frequency polygon is clsed figure which is.	A. One sided B. Two sided C. Three sided D. Many sided
19	β_1 is a quantity	A. Dimensional B. Dimension less C. Positive D. Negative
20	A fair coin is tossed four times the probability of getting four heads is	A. 1/4 B. 1/2 C. 1/16 D. 1