

Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Important bases of classification are.	A. Two B. Three C. Four D. More than four
2	Which of the following statements is true of cumulative frequency polygons or ogives for a particular set of data.	A. Both less than and or more curves have the same shape B. Or more curves slope up and to the right C. Less than curve slope down and to the right D. Less than curve slope up and to the right
3	The average of lower and upper class limits is called.	A. Class boundary B. class frequency C. Class mark D. Class limit
4	A set of numerical values assigned to a sample space is called.	A. Random sample B. Random variable C. Random numbers D. Random experiment
5	The mean of a binomial distribution depends on	A. Parability of success B. Probability of failure C. Number of trials D. Both a and c
6	When a distribution is symmetrical and has one mode, the highest point on the curve is called.	A. Mode B. Median C. Mean D. All of these
7	The mena is affected by	A. Change of origin B. Scale of measurement C. Both a and b D. None of these
8	The variance of constant is always	A. Constant B. One C. Positive D. Zero
9	The properties of discrete probability distribution are:	A. $\sum p(x) = 1$ and $\sum x(x) = 1$ B. $\sum P(x) = 1$ and $\sum x.P$ C. $\sum P(x) = 1$ and $0 \leq P(x) \leq 1$ D. All of these above
10	The number of possible outcomes in Bernoulli trial is	A. Three B. Four C. Two D. One
11	If X and Y are random variables, then $E(X - Y)$ is equal to.	A. $E(X) + E(Y)$ B. $E(X) - E(Y)$ C. $X - E(Y)$ D. $E(X) - Y$
12	In binomial experiment successive trials are:	A. Dependent B. Independent C. May be independent or dependent D. None of these
13	The whole issue of descriptive and inferential statistics can be described with the help of.	A. Statistical analysis B. Statistic C. Statistical problem D. Statistical steps
14	The 5 th decile is always equal to	A. 1 st quartile B. 2 nd quartile C. 3 rd quartile D. Both (a) and (b)

15	The measures of dispersion are changed by the change of.	A. Origin B. Scale C. Both a and b D. None of these
16	Why are the outcomes of a coin tossing mutually exclusive.	A. The outcome of any toss is not affected by the outcome of those preceding it. B. Both a head and a tail cannot turn up on any one toss C. The probability of getting a head and the probability of getting a tail is the same. D. All of these
17	Measurement usually provide.	A. Discrete data B. Continuous data C. Primary data D. Qualitative data
18	The binomial distribution is negatively skewed if.	A. $p < 1/2$ B. $p = 1/2$ C. $p > 1/2$ D. $p = 1$
19	The probability of success changes from trial to trial, is the property of:	A. Binomial experiment B. Hypergeometric experiment C. Both A and B D. None of these
20	Which average cannot be computed if any value is less than zero.	A. G.M B. Median C. Mode D. A.M