

Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	In case of positively skewed distribution the extreme values lie in the.	A. Middle B. Left tail C. Right tail D. Any where
2	For two independent random variables, $\text{Var}(x) = 14$ and $\text{Var}(Y) = 5$, then $\text{var}(X-y)$ is equal to.	A. 9 B. 70 C. 19 D. None of these
3	The sum of absolute deviations is a minimum if these deviations are taken from the	A. Mean B. Mode C. Median D. All of these
4	In hypergeometric distribution, the successive trials are.	A. Dependent B. Independent C. Both (A) & (B) D. None of these
5	For Laptokurtic distribution.	A. $b_2 \geq 3$ B. $b_2 \leq 3$ C. $b_2 = 3$ D. $b_1 \geq 3$
6	$P(A/B)$ can be evaluated by formula	A. $\frac{P(A \cap B)}{P(B)}$ B. $\frac{P(A \cup B)}{P(B)}$ C. $\frac{P(A \cup B)}{P(A)}$ D. $\frac{P(A \cap B)}{P(A)}$
7	In binomial each trial has	A. One outcome B. Two outcomes C. Three outcomes D. Four outcomes
8	The data which have already been collected by some one are called.	A. Secondary data B. Primary data C. Arrayed data D. None of these
9	A collection of some of the elements from a group is called.	A. Census B. Population C. Registration D. Sample
10	Graphs of frequency distributions are used because.	A. they have a long history in practical applications B. They attract attention to data pattern C. They account for biased or incomplete data D. None of thses
11	If the occurance of one event is not effected by the occurance of other than these events are called	A. Dependent B. Independent C. Simple D. Compound events

A. Quantity

12	While dealing with price we use ----- as weights	B. Quality C. Volume D. Both (b) and (c)
13	Which of the following indices satisfies both the time reversal and factor reversal tests.	A. Fisher's method B. Paasche's method C. Laspeyres method D. None of these
14	Its value cannot be exactly examined.	A. Random variable B. Fixed variable C. Mathematical variable D. Variable
15	A fair die is rolled, the sample space consists of:	A. 2 outcomes B. 6 outcomes C. 36 outcomes D. None of these
16	Binomial distribution is positively skewed	A. $P < 1/2$ B. $P > 1/2$ C. $P = 1/2$ D. $P < q$ ¹/₂
17	An arrangement of data to show the frequency of occurrence is called.	A. Frequency distribution B. Probability distribution C. Data array D. Cumulative distribution
18	The main advantages of using the range as a measure of dispersion is that.	A. It is easy to calculate B. It is heavily influenced by extreme values. C. It can change drastically from one data set to the next D. It is determined by only two points in the data set
19	The probability can never be,	A. 0 B. 1 C. 1/52 D. Negative
20	The probability of drawing a "white" ball from a bag containing 4 red, 8 black and 3 white balls is:	A. 0 B. 3/15 C. 1/15 D. 2/15