

Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	While dealing with price we use ----- as weights	A. Quantity B. Quality C. Volume D. Both (b) and (c)
2	If x is a continuous random variable, then the function $f(x)$ is.	A. A probability function B. A probability density function C. A density function D. Both b and c
3	In chain base method the base period is.	A. Fixed B. Changed C. Constant D. None of these
4	The probability of red card out of 52 cards is.	A. 1/4 B. 1/2 C. 4/52 D. zero
5	For a binomial probability distribution: $n = 10$ & the probability of failure ($q = 0.6$), then mean of the distribution is .	A. 0.6 B. 6.0 C. 10 D. 4
6	First moment about mean is always equal to.	A. Standard deviation B. Zero C. 1 D. Variance
7	The data about the sex of new babies is called:	A. Continuous data B. Qualitative data C. Quantitative data D. Discrete data
8	For a binomial distribution with $n = 5$ prob ($X = -2$) is.	A. 0 B. Greater than zero C. Less than zero D. None of these
9	A relative frequency distribution presents frequencies in terms of	A. Fractions B. Whole numbers C. Percentages D. Both a and c but not b
10	Which one of the following is not effected by extreme values	A. mean B. median C. mode D. both (a) and (b)
11	The mean deviation is least if deviations are taken from	A. A.M B. Mode C. G.M D. Median
12	Mean of hypergeometric distribution is	A. mN/k B. nK/N C. k/nN D. Nk/n
13	Binomial distribution is used when n is	A. Large B. Small C. Negative D. Zero
14	The mean of binomial distribution is always:	A. Equal to variance B. Less than variance C. Greater than variance D. None of the these
15	If Laspeyre's index numebr is 200, Paasche's index numebr is 200 , then Fisher's index numebr is.	A. 100 B. 200 C. Zero D. 1000

16	For a constant K ,the variance of K.	<p>A. Zero</p> <p>B. A^{-2}</p> <p>C. K</p> <p>D. None of these</p>
17	Which of the following methods uses quantities consumed in the current period when computing a weighted index.	<p>A. Laspeyres' method</p> <p>B. Paache's method</p> <p>C. Fisher's method</p> <p>D. Marshall -Edge worth's method</p>
18	In binomial each trial has	<p>A. One outcome</p> <p>B. Two outcomes</p> <p>C. Three outcomes</p> <p>D. Four outcomes</p>
19	The sum of the squares of deviations is the least when measured from.	<p>A. A.M</p> <p>B. Median</p> <p>C. Mode</p> <p>D. Both A and B</p>
20	If one event is unaffected by the outcome of another event, the two events are said to be	<p>A. Dependent</p> <p>B. Independent</p> <p>C. Mutually exclusive</p> <p>D. Both b and c</p>