

Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Probability density function is the probability function of..... random variable.	A. Discrete B. Qualitative C. Continuous D. None
2	The value of quartile deviation is always	A. Positive B. Zero C. Negative D. None of these
3	Mean is affected by the change of.	A. Origin B. Scale C. Both a and b D. None
4	$F(-\infty)$ is always equal to	A. Zero B. One C. Two D. Negative one
5	Index number are called:	A. Mathematical barometer B. Economic barometer C. Statistical barometer D. Both A and C
6	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
7	The simplest form of the continuous distribution is the.	A. Skewed distribution B. Kurtic distribution C. Binomial distribution D. Uniform distribution
8	If a Venn diagram is drawn for events A and B which are mutually exclusive, which of the following would always be true of A and B.	A. Their parts of the rectangle will overlap B. Their parts of the rectangle will be equal in area C. Their parts of the rectangle will not overlap D. None of these
9	The sum of the squares of deviations is the least when measured from.	A. A.M B. Median C. Mode D. Both A and B
10	The number of ways in which four books can be arranged on a shelf is.	A. 4 B. 6 C. 24 D. 12
11	For computing chain index, we compute	A. Price relative B. Link relative C. Weighted indices D. None of these
12	A binomial random variable is a (an)	A. Continuous random variable B. Discrete random variable C. Dependent variable D. Independent variable
13	When all the values in a series occur the same number of times, then it is not possible to compute the.	A. Mean B. Median C. Mode D. Weighted mean
14	Question Image <input type="text"/>	A. 4/10 B. 2/10 C. 1/10 D. 0

A. The retail prices

15	The price used in the construction of consumer price index numbers are.	B. The fixed price C. The wholesale prices D. None of these
16	What is the major assumption we make when computing a mean from grouped data.	A. All values are discrete B. Every value in a class is equal to the midpoint C. No value occurs more than once D. Each class contains exactly the same number of values
17	The variance of 4,4,4,4,4 is.	A. -4 B. $(4)^2$ C. 8 D. 0
18	When referring to a curve whose longer tail is to the right, you would call it.	A. Symmetrical B. Positively skewed C. Negatively skewed D. None of these
19	Theoretically best average used in the construction of composite index is	A. The arithmetic mean B. The geometric mean C. The median D. The harmonic mean
20	a graph of a cumulative frequency distribution is called.	A. Histogram B. Ogive C. Frequency polygon D. None of these