

## Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	To measrue how much the cost of some variable changes over time you would use.	A. A volue inxex B. An inflation index C. A quantity index D. None of these
2	If two coins are tossed, the probability of getting one head and one tail is.	A. 1/4 B. 2/4 C. 3/4 D. 2/3
3	The bionomial distribution is negatively skewed if.	A. $p < 1/2$ B. $p = 1/2$ C. $p > 1/2$ D. $p = 1$
4	$E(y - \mu)$ is equal to	A. $E(y)$ B. $\mu$ C. zero D. $y - \mu$
5	Which ofthe following methods uses quantities consumed in the current period when computing a weighted index.	A. Laspeyres method B. Marshall -Edge worth's methods C. Peasche's method D. Fisher's method
6	The probability of failure is equal to.	A. p B. 1 - q C. P - 1 D. 1 - P
7	A binomial random variable is a (an)	A. Constinuous random variable B. Discrete random variable C. Dependent varaible D. Independent variable
8	Mean of hypergeometric distribution is	A. np C. np D. Nnk
9	In a hypergeometric distribution N = 6, n = 2, K = 3 Then mean.	A. 1 B. 2 C. 3 D. 4
10	probability distribution of a continuous random variable can be presented by.	A. Formula B. Curve C. Tabular form D. None of these
11	How many methods are used for the collection of data.	A. 1 B. 2 C. 3 D. 4
12	In which distribution the successive trails are with replacement.	A. Hypergometric distribution B. Bionomial distribution C. Continuous distribution D. None of these
13	$E(Y^2) - [E(y)]^2$ is the formula, and to compute.	A. Variance of the random variable B. Mean of the random variable C. Both A and B D. None of these
14	The probability of getting one red ball from a bag constaining 4 red, 3 white and 3 black balls is.	A. 3/10 B. 1/5 C. 2/5 D. 1/10

D. 1/2

15	Sample mean is an	A. Estimated statistic B. Updating statistic C. Biased statistic D. Unbiased statistic
16	The simplest form of the continuous distribution is the.	A. Skewed distribution B. Kurtic distribution C. Binomial distribution D. Uniform distribution
17	If we connect the mid points of rectangles in a histogram with a series of lines. we get.	A. Ogive B. Frequency Polygon C. Frequency Curve D. Bar chart
18	Is the tossing of two perfect coins the probability at least one head occur is.	A. 1/4 B. 1 C. 1/2 D. 3/4
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	The sum of squared deviation is minimum, when deviation are taken form	A. Mean B. Median C. Mode D. None of these