

## Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Var (B/aX) =?	A. $\frac{1}{a}\text{Var}(X)$ B. $b\sqrt{\frac{2}{a}}\sqrt{\text{Var}(X)}$ C. $b\sqrt{\frac{2}{a}}\text{Var}(X)$ D. None of these
2	The probability of drawing a "white" ball from a bag containing 4 red, 8 black and 3 with balls is:	A. 0 B. $\frac{3}{15}$ C. $\frac{1}{15}$ D. $\frac{2}{15}$
3	Classification of data by quantitative characteristics is called.	A. Qualitative classification B. Quantitative classification C. Geographical classification D. Temporal classification
4	Events with equal probabilities are called.	A. Mutually exclusive events B. Exhaustive events C. Equally likely events D. Simple events
5	In a hypergeometric distribution.	A. Mean > Variance B. Mean < variance C. Mean = variance D. Mean = Zero
6	Life of a T.V. tube is a.	A. Discrete variable B. Continuous variable C. Constant D. Qualitative variable
7	Arrangement of things without regard to order is called.	A. Raw data B. Arrayed data C. Permutation D. Combination
8	Laspeyres index number is also called as:	A. Base year weight index number B. Current year weight index number C. Ideal index number D. Fisher index number
9	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. $E(X) - Y$
10	Mid points of top of the rectangular of histogram are joined to get.	A. Frequency curve B. Polygon C. Ogive D. Histogram
11	An arrangement of data to show the frequency of occurrence is called.	A. Frequency distribution B. Probability distribution C. Data array D. Cumulative distribution
12	Which is the suitable average for calculating the average price at which articles are sold.	A. Geometric mean B. Arithmetic mean C. Harmonic mean D. Mode
13	The price used in the construction of consumer price index numbers are.	A. The retail prices B. The fixed price C. The wholesale prices D. None of these
14	Continuous variable can be measured at.	A. Specific points B. Integer points C. All possible points D. No points
15	Which is the most suitable average in chain base method.	A. Arithmetic mean B. Median C. Geometric mean D. Harmonic mean

		D. Weighted arithmetic mean
16	Primary data are same:	A. Group B. Ungroup C. Random D. None of these
17	When each outcome of a sample is as equally likely to occur as any other, the out come are called.	A. Mutually exclusive B. Equally likely C. Exhaustive D. Not mutually
18	The mean of the first n natural numbers is.	A. $n(n+1)2$ B. $(n+1)/2$ C. $(n-1)/2$ D. $n/2$
19	The data about the sex of new babies is called:	A. Continuous data B. Qualitative data C. Quantitative data D. Discrete data
20	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