

## Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Which of the following methods uses quantities consumed in the current period when computing a weighted index.	<p>A. Laspeyres' method            B. Paache's method            C. Fisher's method            D. Marshall -Edge worth's method</p>
2	In a binomial distribution	<p>A. <math>\mu = \sigma^2</math>            B. <math>\mu &lt; \sigma^2</math>            C. <math>\mu &gt; \sigma^2</math>            D. <math>\mu = 1 - \sigma^2</math></p>
3	Mean deviation is always.	<p>A. More than S.D.            B. Equal to S.D.            C. Less than S.D.            D. None of these</p>
4	An expected value of a random variable is equal to its.	<p>A. Variance            B. B.D.            C. Mean            D. Co - Variance</p>
5	In measure of relative dispersion unit of measurement is.	<p>A. Changed            B. Vanishes            C. Does not vanishes            D. None of these</p>
6	$\text{Var}(B/aX) = ?$	<p>A. <math>1/a\text{Var}(X)</math>            B. <math>b^2/a^2\text{Var}(X)</math>            C. <math>b^2/a\text{Var}(X)</math>            D. None of these</p>
7	$\text{Var}(KY) = \dots\dots\dots$	<p>A. KY            B. <math>K^2\text{Var}(Y)</math>            C. <math>K^2\text{Var}(Y)</math>            D. None of these</p>
8	If x and y are independent random variables, then $E(xy)$	<p>A. <math>E(xy)</math>            B. <math>xE(y)</math>            C. <math>E(x)</math>            D. <math>E(x)E(y)</math></p>
9	Price relatives is a ratio of current year price and.	<p>A. Base year quantity            B. Previous year quantity            C. Base year price            D. Current year quantity</p>
10	The probability of an impossible event is.	<p>A. Positive            B. Zero            C. Negative            D. 1</p>
11	The third quartile is also called	<p>A. 75<sup>th</sup> percentile            B. Upper quartile            C. 5<sup>th</sup> deciles            D. Both (a) and (b)</p>

12	Mode of the series 2,2,2,3,3,3,2,3,3,4 is.	A. 3 B. 2 and 3 C. 4 D. None of these
13	The number of possible outcomes in Bernoulli trial is	A. Three B. Four C. Two D. One
14	The mean of the first n natural numbers is.	A. $n(n+1)/2$ B. $(n+1)/2$ C. $(n-1)/2$ D. $n/2$
15	In a table foot note and source notes are.	A. Same B. Different C. Identical D. None of these
16	test2	A. 3 B. 4 C. 2
17	A frequency polygon is closed figure which is.	A. One sided B. Two sided C. Three sided D. Many sided
18	The value of standard deviation changes by change of.	A. Origin B. Algebraic sign C. Scale D. None
19	If all the values considered in calculating an index are of equal importance, the index is.	A. Weighted B. Simple C. Un weighted D. None of these
20	The mean of the absolute deviations of observations from mean, median or mode is called	A. Quartile deviation B. Absolute deviation C. Mean D. Mean deviation