

ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	Data is defined as combination of	A. character and numbers B. characters and symbols C. numbers and symbols D. characters, number and symbols
2	The normal distribution is a bell shaped _____ distribution.	A. Discrete B. Continuous C. Symmetrical D. Skewed
3	If mean of the sampling distribution is equal to the parameter then the estimator will be	A. biased B. consistent C. sufficient D. unbiased
4	The sum of deviations = $\sum(y - \hat{y}) =$	A. 0 B. 1 C. 10 D. -1
5	The variable, that forms the basis of estimation, is called _____.	A. Regression B. Regressor C. Regressand D. Estimated
6	Estimation is of two types:	A. One sides and two sides B. Type I and type II C. Point estimation and interval estimation D. Biased and unbiased
7	The estimated regression line always passes through	A. origin C. x-axis D. y-axis
8	Keyboard, mouse and scanner are the ----- devices	A. input B. output C. logical D. mini
9	The S.D of the sampling distribution of a statistics is called _____.	A. Standard error B. Serious error C. Dispersion D. Difference
10	The Quartile deviation (Q.D) of a normal distribution is _____.	A. $\frac{4}{5}\sigma$ B. $\frac{5}{4}\sigma$ C. $\frac{2}{3}\sigma$ D. None of these
11	The straight line graph of the linear equation $Y = a + bX$, the slope will be upward if _____.	A. $b = 0$ B. $b < 0$ C. $b > 0$ D. $b \neq 0$
12	The process of dividing the objects into two mutually exclusive classes is called _____	A. Bichotomy B. Trichotomy C. Dichotomy D. Multichotomy
13	$1 - \alpha$ is call:	A. Confidence coefficient B. Power of the test C. Size of the test D. Level of significance
14	The graph of a time series is called	A. histogram B. polygon C. straight line D. historigram
15	If sampling is done without replacement then $\sigma =$	
16	Question Image	A. y-intercept B. x-intercept

		C. slope D. none of these
17	Which hypothesis is always in an inequality form?	A. Simple hypothesis B. Alternative hypothesis C. Null hypothesis D. Composite hypothesis
18	For a least squares linear trend $Y = a + bx$, the $\Sigma(Y - \hat{Y})^2 = 0$ when:	A. All the Y-values are positive B. All the Y-values lie on the line C. All the Y-values lie above the line D. None of these
19	An estimator is ----- if its expected value is equal to the population parameter to be estimated	A. bad B. biased C. unbiased D. none of these
20	Study of the population is called_____.	A. Parameter B. Error C. Statistic D. Census