

ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	A process by which we estimate the value of dependent variable on the basis of one or more independent variable is called_____.	A. Residual B. Correlation C. Regression D. Slope
2	The choice of one-tailed test and two tailed test depends upon:	A. Composite hypothesis B. Null hypothesis C. Alternative hypothesis D. Simple hypothesis
3	The most common measurement unit for describing a computer's memory is	A. bits B. mega bytes C. bytes D. kilobytes
4	In N is the size of population and n is the size of sample then possible samples that can be drawn with replacement are.	A. N/n B. N^{n-1} C. N^n D. None of these
5	The difference between a statistic and the parameter is called_____.	A. Random B. Non-random C. Sampling error D. Probability
6	The least squares estimates are unbiased estimates of the	A. statistic B. time series C. parameters D. variance
7	The degree of relationship between the two attributes is called_____.	A. Association B. Correlation C. Contingency D. Quantitative
8	The elimination or addition of a few more time periods may change its	A. speed B. value C. direction D. none of these
9	Sample is a sub-set of _____.	A. Population B. Data C. Set D. Distribution
10	Super computers can process million of instructions:	A. Per second B. Per microsecond C. Per minute D. Per hour
11	If the null hypothesis is false, we may accept it leading to a ----- decision	A. true B. correct C. wrong D. none of these
12	Question Image	A. y-intercept B. x-intercept C. slope D. none of these
13	For a least squares linear trend $\hat{y} = a + bx$, b is the	A. variable B. intercept C. trend D. slope
14	Large sample contains more than	A. 5 values B. 10 values C. 20 values D. 30 values
15	In case of normal distribution maximum value of ordinate is	A. μ B. Zero C. one D. $\frac{1}{\sigma}$

16	Types of statistical inferences are	B. two C. three D. four
17	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
18	The value of the coefficient of correlation relies between_____.	A. -1 and +1 B. 0 and 1 C. -1 and 0 D. -0.5 and + 0.5
19	The S.D of the sampling distribution of a statistics is called _____.	A. Standard error B. Serious error C. Dispersion D. Difference
20	A business cycle has	A. one phase B. two phases C. three phases D. four phases