

ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	One byte equal:	A. 4 bits B. 6 bits C. 8 bits D. 12 bits
2	The rise and fall of a time series periods longer than one- year is called.	A. Secular trend B. Seasonal variation C. Cyclical variation D. Irregular variation
3	Random sampling provides reliable -----	A. values B. attributes C. variables D. estimates
4	$P(\mu - 2\sigma < X \leq \mu + 2\sigma) =$	A. 0.6827 B. 0.9545 C. 0.9973 D. 0.9827
5	Drag and drop is a term associated with:	A. Mouse B. Keyboard C. Printer D. Scanner
6	A hypothesis that specifies all the value of parameter is called:	A. Statistical hypothesis B. Simple hypothesis C. Composite hypothesis D. None of these
7	RAM is called _____ storage.	A. Primary B. Secondary C. Control D. Scanner
8	A range of values used to estimate an unknown population parameter is	A. a point estimator B. An interval estimator C. an unbiased estimator D. A biased estimator
9	P(type II error) is equal to:	A. α B. β C. $1 - \alpha$ D. $1 - \beta$
10	Super computers can perform more than ----- calculations per second ?	A. 1 million B. 1 billion C. 1 trillion D. 1 lac
11	If sampling is done with replacement the $\sigma_p =$	
12	If the null hypothesis is false, we may accept it leading to a ----- decision	A. true B. correct C. wrong D. none of these
13	The difference of the true value of population parameter and corresponding value of sample statistic is called	A. non-sampling error B. sampling error C. random error D. none of these
14	A region for which the H_0 is rejected is called	A. acceptance region B. rejection region C. critical region D. both b and c
15	Question Image	A. independent B. positively associated C. negatively associated D. correlated
16	The normal distribution is represented as _____	A. $N(\mu, \sigma^2)$ B. $N(n, p)$ C. $N(0, \sigma^2)$

		D. None of these
17	The elimination or addition of a few more time periods may change its	A. speed B. value C. direction D. none of these
18	If $r = -1$, then there is	A. negative correlation B. perfect negative correlation C. no correlation D. average correlation
19	Regression line x on y is	
20	The variable, that forms the basis of estimation, is called _____.	A. Regression B. Regressor C. Regressand D. Estimated