ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	The probability distribution of proportions is called	A. proportional distribution B. population distribution C. sample distribution D. sampling distribution
2	Sum of squares of residuals is denoted by	A. $\sum e$ B. $\sum e^2$ C. $\sum e^3$ D. $\sum e^4$
3	A statistic on the basis of which a decision is made about the hypothesis of interest is called	A. critical region B. test statistic C. parameter D. rejection region
4	C= -----------------------------	
5	If two attributes A and B are independent, then co-efficient of association is_____.	A. -1 B. +1 C. 0 D. 0.5
6	A range of values within which the population parameter is expected:	A. Confidence interval B. Confidence coefficient C. Confidence limits D. Level of significance
7	If (AB) = (A)(B)/n, the two attributes. A and B are _____.	A. Independent B. Dependent C. Correlated D. Quantitative
8	$1 - \alpha$ is the probability associated with:	A. Type-I error B. Type-II error C. Level of confidence D. Level of significance
9	A process of dividing the objects into two mutually exclusive classes of an attribute is called	A. classification B. trichotomy C. dichotomy D. association
10	Super computers can perform more than ---------------- calculations per second ?	A. 1 million B. 1 billion C. 1 trillion D. 1 lac
11	The endpoints of a confidence interval are called:	A. confidence coefficient B. Confidence limits C. Error of estimation D. Parameters
12	A population is called _____ if it includes an unlimited number of sampling units.	A. Finite B. Infinite C. Statistic D. None of these
13	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
14	The graph of a time series is called	A. histogram B. polygon C. straight line D. historigram
15	Level of significance is also called:	A. Power of the test B. Size of the test C. Level of confidence

16	Which of the following is not composite hypothesis?	A. $\mu < \mu^{\wedge}$ B. $\mu > \mu_0$ C. $\mu = \mu_o$
17	The least squares estimates are unbiased estimates of the	A. statistic B. time series C. parameters D. variance
18	Degree of linear relationship between two variables is called	A. regression B. association C. correlation D. disassociation
19	Another name of probability sampling is	A. quota sampling B. simple sampling C. stratified sampling D. random sampling
20	A high speed memory that is built in processor is called	A. built in memory B. cache memory C. internal memory D. external memory

A. $\mu < \mu^{\wedge}$
B. $\mu > \mu_0$
C. $\mu = \mu_o$