ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	1MB equals	A. 1048576 bytes B. 1024 bytes C. 2048 bytes D. 2380 bytes
2	Is sampling without replacement, an element can be chosen:	A. Less than once B. More than once C. Only once D. Difficult to tell
3	Which hypothesis is always in an inequality form?	A. Simple hypothesis B. Alternative hypothesis C. Null hypothesis D. Composite hypothesis
4	A quantitative statement about a population is called:	A. Research hypothesis B. Composite hypothesis C. Simple hypothesis D. Statistical hypothesis
5	Level of significance is denoted by	A. 2 - α B. 3 - α C. α D. 1 - α
6	If r = -1, then there is	A. negative correlation B. perfect negative correlation C. no correlation D. average correlation
7	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
8	The relationship that describes the dependence of the expected value of the dependent random variable for a given value of the independent non-random variable is called	A. equation B. relation C. ratio D. regression
9	The normal distribution is ----------distribution.	A. positively skewed B. negatively skewed C. symmetrical D. peaked
10	An automobile is driven on the average on more than 1600 kilometers per year, the null hypothesis is	A. H_o : μ = 16000 kilometers B. H_o : μ ≤ 16000 kilometers C. H_o : μ < 16000 kilometers D. H_o : μ > 16000 kilometers
11	In a normal distribution $\beta_1 = 0$ and β_2 = _____.	A. 2 B. 4 C. 3 D. 5
12	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
13	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
14	A range of values within which the population parameter is expected:	A. Confidence interval B. Confidence coefficient C. Confidence limits

		D. Level of significance
15	A descriptive measure of a population is called	A. sample B. statistic C. parameter D. erro
16	If the null hypothesis is false, we many accept it leading to a ---------- decision	A. true B. correct C. wrong D. none of these
17	The normal distribution is a _____.	A. Positive B. Negative C. Discrete D. Continuous
18	The point of inflection in normal distribution are _____.	A. μ - σ, μ + σ B. μ - σ, μ + 2σ C. μ, σ D. None of these
19	Normal distribution ranges from_____.	A. 1,2,3,.....∞ B. -∞ to +∞ C. 1,2,3,.....n D. None of these
20	The following statistic are unbiased estimators:	A. The Sample mean B. S² = Σ(X - X) ²/n-1 C. The sample proportion D. All the above