ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	The variable, that forms the basis of estimation, is called_____.	A. Regression B. Regressor C. Regressand D. Estimated
2	Question Image	A. best estimators B. biased estimators C. unbiased estimators D. normal estimators
3	An example in a two-sided, alternative hypothesis is:	A. H₁ :u < 0 B. H₁ : u > 0 C. H₁ L u <u>></u> 0 D. H₁ : u ≠ 0
4	The hypothesis which we are willing to accept when the null hypothesis is rejected is called	A. simple hypothesis B. composite hypothesis C. null hypothesis D. alternative hypothesis
5	(α) = (αB) + ----------	A. (Aβ) B. (AB) C. (αβ) D. (A)
6	In case of normal distribution maximum value of ordinate is	A. μ B. Zero
7	The normal distribution is a _____.	A. Positive B. Negative C. Discrete D. Continuous
8	In normal distribution.	A. Mean > median > mode B. Mean = median = mode C. Mean < median < mode D. None of these
9	The maximum ordinate of a normal curve is at X = _____.	A. μ B. σ C. $\bar{X}$ D. S.D
10	The degree of linear relationship between two variable is called_____.	A. Dependent B. Association C. Positive D. Correlation
11	The secular trend is measured by the method of semi-averages when	A. time series contains yearly values B. trend is linear C. time series contains odd number of values D. none of these
12	1 kb = _____ bytes	A. 10 B. 100 C. 1000 D. 10,000
13	Sum of squares of residuals is denoted by	A. ∑e B. ∑e² C. ∑e³ D. ∑e ⁴
14	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
		A. negative

15	The probability density function has ---------- value for every value of x.	B. positive C. minimum D. maximum
16	A characteristic which varies in quality form one individual to another is called	A. variable B. constant C. attribute D. none of these
17	If Ho:π >πo , H1:π <πo and level of significance is=α then Ho will be rejected if	A. Z < Z=α B. Z=α/2 < Z C. Z > Z1-α D. Z < Z1-α
18	The first commercially available computer was:	A. ENIAC B. UNIVAC C. Mark I D. Analytical engine
19	The systematic components of time series which follow regular pattern of variations are called:	A. Noise B. Signal C. Additive model D. Multiplicative model
20	List of all the units of the population is called_____.	A. Random sampling B. Bias C. Sampling frame D. Probability sampling