ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	In case of symmetrical distribution	A. μ₁ = μ₂ = μ₃ = μ₄ B. β₁ = β₂ C. P₁ < P₂
2	A quantitative statement about a population is called:	A. Research hypothesis B. Composite hypothesis C. Simple hypothesis D. Statistical hypothesis
3	C= ----------	
4	Arithmetic operations are carried out by_____ units:	A. CPU B. RAM C. ALU D. ROM
5	1 kb = _____ bytes	A. 10 B. 100 C. 1000 D. 10,000
6	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
7	(α) = (αB) + ----------	A. (Aβ) B. (AB) C. (αβ) D. (A)
8	In a systematic sampling every ---------- unit is selected	A. 1st B. last C. xth D. normal
9	If Ho:π >πο , H1:π <πο 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
10	The shape of the normal distribution is like	A. J. B. L C. bell D. circle
11	Is sampling without replacement, an element can be chosen:	A. Less than once B. More than once C. Only once D. Difficult to tell
12	Screen output is considered as a _____.	A. Hardcopy B. Softcopy C. Input D. Software
13	The alternative hypothesis always contains the sign of	A. equality B. inequality C. ratio D. proportion
14	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
15	A relationship where the flow of the data points is best represented by a curve is called_____.	A. Linear positive B. Linear negative C. Linear relationship

		D. Nonlinear relationship
16	The least squares estimates are unbiased estimates of the	A. statistic B. time series C. parameters D. variance
17	The unsystematic sequence which follows irregular pattern of variations is called:	A. Noise B. Signal C. Linear D. Non-linear
18	Level of significance is also called:	A. Power of the test B. Size of the test C. Level of confidence D. Confidence coefficient
19	The standard error of the estimate increased by decreasing	A. population B. sample size C. errors D. precision
20	Given=μ0 = 170, $\bar{X}$ = 190,σ = 36 and n = 9; which statistic is appropriate?	A. t B. z C. x2 D. F