ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	P(μ-2σ < X=< μ + 2σ)=	A. 0.6827 B. 0.9545 C. 0.9973 D. 0.9827
2	The most common measurement unit for describing a computer's memory is	A. bits B. mega bytes C. bytes D. kilobytes
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 point of inflection in normal distribution are _____.	A. μ - σ, μ + σ B. μ - σ, μ + 2σ C. μ, σ D. None of these
5	Statistical inference has two branches namely:	A. Level of confidence and degrees of freedom B. Biased estimator and unbiased estimator C. Point estimate and interval estimate D. Estimation of parameter and testing of hypothesis
6	The bias increases by increasing the sample_____.	A. Unit B. Number C. Size D. None of these
7	A binary digit is commonly called:	A. Byte B. Kilobyte C. Gigabyte D. Bit
8	A descriptive measure of a population is called	A. sample B. statistic C. parameter D. erro
9	The value of coefficient of association lies between	A. 0 and + 1 B. -1 and + 1 C. -1 and 0 D. -0.5 and + 0.5
10	100(1-α)% confidence interval for population proportion of success,&=nbsp;π is	A. P (L <μ < U) = 1 - α B. P (L <σ < U) = 1 - α C. P (L <π< U) = 1 - α D. P (L <P&=nbsp;< U) = 1 - α
11	The two attributes A and B are _____associated, If (AB) < (A)(B)/n.	A. Positively B. Negatively C. Zero D. Symmetrical
12	In case of normal distribution maximum value of ordinate is	A. μ B. Zero
13	The process of dividing the objects into two mutually exclusive classes is called_____	A. Bichotomy B. Trichotomy C. Dichotomy D. Multichotomy
14	The probability distribution of proportions is called	A. proportional distribution B. population distribution C. sample distribution

		D. sampling distribution
15	A statistical hypothesis is an assertion or conjecture about the distribution of random variables	A. one B. two C. one or more D. three
16	Study of the population is called_____.	A. Parameter B. Error C. Statistic D. Census
17	If $b_{yx} = 0.89$ and $b_{xy} = 0.75$, then r=	A. 0.89 B. 0.28 C. 0.98 D. 0.82
18	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
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	Points of inflexion of normal curve are at	A. μ and σ B. x=μ-σ and x=μ+σ C. μ and 2σ D. μ = o