ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	A range of values within which the population parameter is expected:	A. Confidence interval B. Confidence coefficient C. Confidence limits D. Level of significance
2	In a systematic sampling every ---------- unit is selected	A. 1st B. last C. xth D. normal
3	The graph of a time series is called	A. histogram B. polygon C. straight line D. historigram
4	Probability distribution of a statistic is called:	A. Sampling B. Parameter C. Data D. Sampling distribution
5	RAM is called_____storage.	A. Primary B. Secondary C. Control D. Scanner
6	In case of normal distribution the area to the left of the mean and area to the right of the mean is	A. positive B. negative C. equal D. unequal
7	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
8	Methods of semi-averages gives an	A. accurate result B. objective result C. authentic result D. none of these
9	P(type I error) is equal to:	A. 1 - α B. 1 - β C. α D. β
10	1 -&=nbsp;α is call:	A. Confidence coefficient B. Power of the test C. Size of the test D. Level of significance
11	The degree of linear relationship between two variable is called_____.	A. Dependent B. Association C. Positive D. Correlation
12	If the null hypothesis is false, we many accept it leading to a ---------- decision	A. true B. correct C. wrong D. none of these
13	If sampling is done without replacement then=σ =	
14	The range of a normal distribution is	A. —∞ to 1 B. —∞ to 0 C. <span style="color: rgb(0, 0, 0); font-family: 'Lucida Sans Unicode',

		Lucida Grande', sans-serif; font-size: 18px; line-height: 23.390625px;">—∞ to + ∞ D. 0 to ∞
15	A part of the population is called	A. parameter B. statistic C. sample D. both b and c
16	The mean deviation (M.D) of a normal distribution is _____.	A. 4/5 σ B. 5/4 σ C. 2/3 σ D. None of these
17	For a least squares linear trend=ŷ= a + b x,	A. Σy <Σŷ B. Σŷ = 0 C. Σy =Σŷ D. none of these
18	The maximum ordinate of a normal curve is at X = _____.	A. μ B. σ C. $\overline{X}$ D. S.D
19	If X and Y are independent, then Cov(x,y) = 0 which implies that	A. b_{yx} = 0 B. b_{xy} = 0 C. ρ = 0 D. a = 0
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