ICS Part 2 Statistics Chapter 13 Online Test

Sr	Questions	Answers Choice
1	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
2	Given=μ0 = 170, $\bar{X}$ = 190,σ = 36 and n = 9; which statistic is appropriate?	A. t B. z C. x2 D. F
3	Which of the following is not composite hypothesis?	A. ^{μ <u><</u> μ} _^ B. μ <u>></u> μ₀ C. μ = μ_o
4	Suppose that the null hypothesis is true and it is rejected, is known as:	A. α type-I error, and its probability is β B. α type-I error, and its probability is α C. α type-II error, and its probability is α D. α type-II error, and its probability is β
5	The degree of confidence is equal to:	A. β B. 1 - β C. 1 - α D. α
6	The power of the test is equal to:	A. α B. 1 - α C. β D. 1 - β
7	Which hypothesis is always in an inequality form?	A. Simple hypothesis B. Alternative hypothesis C. Null hypothesis D. Composite hypothesis
8	P(type II error) is equal to:	A. α B. β C. 1 - α D. 1 - β
9	P(type I error) is equal to:	A. 1 - α B. 1 - β C. α D. β
10	Level of significance is also called:	A. Power of the test B. Size of the test C. Level of confidence D. Confidence coefficient
11	1 - α is the probability associated with:	A. Type-I error B. Type-II error C. Level of confidence D. Level of significance
12	1 -&=nbsp;α is call:	A. Confidence coefficient B. Power of the test C. Size of the test D. Level of significance
13	The choice of one-tailed test and two tailed test depends upon:	A. Composite hypothesis B. Null hypothesis C. Alternative hypothesis D. Simple hypothesis
14	A hypothesis that specifies all the value of parameter is called:	A. Statistical hypothesis B. Simple hypothesis C. Composite hypothesis D. None of these

15	The alternative hypothesis is also called:	A. Null hypothesis B. Statistical hypothesis C. Research hypothesis D. Simple hypothesis
16	A quantitative statement about a population is called:	A. Research hypothesis B. Composite hypothesis C. Simple hypothesis D. Statistical hypothesis
17	A statement about the value of a population parameter is called:	A. Null hypothesis B. Alternative hypothesis C. Simple hypothesis D. Composite hypothesis