

ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	Joystick is an example of:	<p>A. Input devices</p> <p>B. Output devices</p> <p>C. Processing devices</p> <p>D. Storage devices</p>
2	Which of the following is not composite hypothesis?	<p>A. $\mu \leq \mu_0$</p> <p>B. $\mu > \mu_0$</p> <p>C. $\mu = \mu_0$</p>
3	1 MB equals _____ bytes	<p>A. 1,094,265</p> <p>B. 1,904,265</p> <p>C. 1,904,265</p> <p>D. 1,048,576</p>
4	If $H_0: \pi > \pi_0$, $H_1: \pi < \pi_0$ and level of significance is α then H_0 will be rejected if	<p>A. $Z < -Z_{\alpha}$</p> <p>B. $Z = \alpha/2$</p> <p>C. $Z > Z_{1-\alpha}$</p> <p>D. $Z < -Z_{1-\alpha}$</p>
5	The process of dividing the objects into two mutually exclusive classes is called _____	<p>A. Bichotomy</p> <p>B. Trichotomy</p> <p>C. Dichotomy</p> <p>D. Multichotomy</p>
6	The normal distribution is -----distribution.	<p>A. positively skewed</p> <p>B. negatively skewed</p> <p>C. symmetrical</p> <p>D. peaked</p>
7	Question Image <input type="text"/>	<p>A. S_{xy}</p> <p>B. S_{yx}</p> <p>C. b_{xy}</p> <p>D. b_{yx}</p>
8	For normal distribution mean always lies between.	<p>A. Median and mode</p> <p>B. Median and Q_1</p> <p>C. Median and Q_3</p> <p>D. None of these</p>
9	Question Image <input type="text"/>	<p>A. β_1</p> <p>B. β_2</p> <p>C. β_3</p> <p>D. S_k</p>
10	For a least squares line trend $Y = a + bx$, the b is the:	<p>A. Intercept</p> <p>B. Slope</p> <p>C. Variable</p> <p>D. Trend</p>
11	If two attributes A and B have perfect positive association value of the coefficient of association is equal to _____.	<p>A. +1</p> <p>B. -1</p> <p>C. 0</p> <p>D. $(r-1)(c-1)$</p>
12	A characteristic which varies in quality from one individual to another is called an _____.	<p>A. Variable</p> <p>B. Attribute</p> <p>C. Associated</p> <p>D. Independent</p>
13	The most common type of computer memory is called:	<p>A. ALU</p> <p>B. ENIAC</p> <p>C. RAM</p> <p>D. ROM</p>
14	If the value of any regression coefficient is zero, then two variable are _____.	<p>A. Qualitative</p> <p>B. Correlation</p> <p>C. Dependent</p> <p>D. Independent</p>
15	Chi-square curve ranges from:	<p>A. $-\infty$ to $+\infty$</p> <p>B. 0 to ∞</p> <p>C. $-\infty$ to 0</p> <p>D. 0 to 1</p>

16	A numerical characteristic calculated from sample is called:	A. Sample unit B. Sample design C. Statistic D. Parameter
17	Machine language is in the form of	A. 1 and 2 B. 0 and 1 C. 1 and 3 D. 0 and 3
18	If $(AB) = (A)(B)/n$, the two attributes. A and B are _____.	A. Independent B. Dependent C. Correlated D. Quantitative
19	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
20	The alternative hypothesis always contains the sign of	A. equality B. inequality C. ratio D. proportion
