

ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	Keyboard is commonly used_____device.	A. Output B. Input C. Primary D. Secondary
2	Screen output is considered as a	A. softcopy B. hardcopy C. screen copy D. print copy
3	If $X \sim N(50, 25)$, then $\sigma =$ _____.	A. 3 B. 5 C. 25 D. 50
4	The alternative hypothesis always contains the sign of	A. equality B. inequality C. ratio D. proportion
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 normal distribution is represented as _____	A. $N(\mu, \sigma^2)$ B. $N(n, p)$ C. $N(0, \sigma^2)$ D. None of these
7	A complete computer system has _____ parts.	A. 2 B. 3 C. 4 D. 5
8	One byte equal:	A. 4 bits B. 6 bits C. 8 bits D. 12 bits
9	If $(AB) = (A)(B)/n$, the two attributes. A and B are _____.	A. Independent B. Dependent C. Correlated D. Quantitative
10	In the measurement of secular trend the moving averages	A. give the trend in a straight line B. measure the seasonal variations C. smoothes out a time series D. measure irregular fluctuations
11	A characteristic which varies in quality from one individual to another is called an_____.	A. Variable B. Attribute C. Associated D. Independent
12	The population must be defined in terms of	A. content B. unit C. extent D. all of these
13	An estimator is ----- if its expected value is equal to the population parameter to be estimated	A. bad B. biased C. unbiased D. none of these
14	RAM is called	A. primary storage B. secondary storage C. tertiary storage D. tetra storage

15	P(type I error) is equal to:	A. $1 - \alpha$ B. $1 - \beta$ C. α D. β
16	If $H_0: \mu \leq \mu_0$ and $H_1: \mu > \mu_0$ and level of significance is α then H_0 will be rejected if	A. $Z \leq Z_{\alpha}$ B. $Z \leq Z_{\alpha/2}$ C. $Z \leq Z_{1-\alpha}$ D. $Z \leq Z_{1-\alpha/2}$
17	Which one is called as a set of electronic instructions ?	A. hardware B. software C. hardcopy D. softcopy
18	If the observations are paired and the number of pairs is n , then the number of degree of freedom is equal to	A. n B. $n - 1$ C. $2n$ D. $2n - 1$
19	A hypothesis that specifies all the value of parameter is called:	A. Statistical hypothesis B. Simple hypothesis C. Composite hypothesis D. None of these
20	The estimates of the parameters α and β are	A. μ and σ^2 B. a and b C. μ and π D. χ^2 and Z