

ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	CD-ROM is a type of _____.	A. Optical disk B. Hard disk C. Soft disk D. Compact disk
2	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. $Z \leq Z_{1-\alpha/2}$
3	Arithmetic operations are carried out by ----- unit	A. logical B. inner C. ALU D. other
4	If mean of the sampling distribution is equal to the parameter then the estimator will be	A. biased B. consistent C. sufficient D. unbiased
5	If $6\sum d^2/n(n^2 - 1)$ is zero, the value of r_s is _____.	A. 0.5 B. 1 C. -1 D. 0
6	The first commercially available computer was:	A. ENIAC B. UNIVAC C. Mark I D. Analytical engine
7	Question Image	A. $\Phi^{>2}$ B. $q^{>2}$ C. $\alpha^{>2}$ D. $\beta^{>2}$
8	Question Image	B. b_{yx} C. b_{xy} D. S_{p^2}
9	r is the ----- of two regression co-efficient b_{yx} and b_{xy}	A. arithmetic mean B. geometric mean C. harmonic mean D. median
10	The equation of the quadratic (parabolic) trend is	A. $\hat{y} = a + bx$ B. $\hat{y} = a + by$ C. $\hat{y} = a + b\sum x + c\sum x^{>2}$ D. $\hat{y} = a + bx + cx^{>2}$
11	Data is defined as combination of	A. character and numbers B. characters and symbols C. numbers and symbols D. characters, number and symbols
12	The probability associated with confidence interval is called:	A. Level of confidence B. Confidence coefficient C. Both A and B D. Confidence limits
13	Which error is occurred when the defendant were found guilty if, infect the defendant is innocent	A. type-I B. type-II C. no error D. both a and b
14	The rise and fall of a time series periods longer than one- year is called.	A. Secular trend B. Seasonal variation C. Cyclical variation D. Irregular variation
15	$n = (A) + \text{-----}$	A. (B) B. (α) C. (β) D. (A)

16	The shape of the chi-square distribution depends upon_____.	A. Parameters B. Number of cells C. Degrees of freedom D. Standard deviation
17	$(\alpha) = (\alpha B) + \text{-----}$	A. $(A\beta)$ B. (AB) C. $(\alpha\beta)$ D. (A)
18	Commonly used input device is	A. pen B. keyboard C. monitor D. joystick
19	When b_{xy} is positive, then b_{yx} will be _____.	A. Negative B. Positive C. Zero D. One
20	Normal distribution is	A. unimodal B. bimodal C. trimodal D. multimodal