

ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	The trend values in freehand curve method are obtained by:	A. Equation of straight line B. Second degree parabola C. Signal D. Graph
2	The variable, that forms the basis of estimation, is called_____.	A. Regression B. Regressor C. Regressand D. Estimated
3	Question Image	A. y-intercept B. x-intercept C. slope D. none of these
4	The straight line graph of the linear equation $Y = a + bX$, the slope will be upward it_____.	A. $b = 0$ B. $b < 0$ C. $b > 0$ D. $b \neq 0$
5	Sum of squares of residuals is denoted by	A. $\sum e$ B. $\sum e^2$ C. $\sum e^3$ D. $\sum e^4$
6	Methods of semi-averages gives an	A. accurate result B. objective result C. authentic result D. none of these
7	CD-ROM is a type of _____.	A. Optical disk B. Hard disk C. Soft disk D. Compact disk
8	The degree of linear relationship between two variable is called_____.	A. Dependent B. Association C. Positive D. Correlation
9	A business cycle has	A. one phase B. two phases C. three phases D. four phases
10	The probability associated with confidence interval is called:	A. Level of confidence B. Confidence coefficient C. Both A and B D. Confidence limits
11	P(type II error) is equal to:	A. α B. β C. $1 - \alpha$ D. $1 - \beta$
12	Non probability form of sampling is	A. quota sampling B. sampling with replacement C. sampling without replacement D. none of these
13	A descriptive measure of a population is called	A. sample B. statistic C. parameter D. erro
14	If two attributes A and B are independent, then co-efficient of association is_____.	A. -1 B. +1 C. 0 D. 0.5

15	C= -----	
16	A relationship where the flow of the data points is best represented by a curve is called_____.	A. Linear positive B. Linear negative C. Linear relationship D. Nonlinear relationship
17	The normal distribution is represented as_____	A. $N(\mu, \sigma^2)$ B. $N(n, p)$ C. $N(0, \sigma^2)$ D. None of these
18	Probability distribution of a statistic is called:	A. Sampling B. Parameter C. Data D. Sampling distribution
19	A quantitative statement about a population is called:	A. Research hypothesis B. Composite hypothesis C. Simple hypothesis D. Statistical hypothesis
20	The alternative hypothesis always contains the sign of	A. equality B. inequality C. ratio D. proportion