ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	1 kb = _____ bytes	A. 10 B. 100 C. 1000 D. 10,000
2	The normal distribution is represented as_____	A. N (μ,σ²) B. N (n,p) C. N (0,σ²) D. None of these
3	A process of dividing the objects into two mutually exclusive classes of an attribute is called	A. classification B. trichotomy C. dichotomy D. association
4	Estimation is of two types:	A. One sides and two sides B. Type I and type II C. Point estimation and interval estimation D. Biased and unbiased
5	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
6	The difference of the true value of population parameter and corresponding value of sample statistic is called	A. non-sampling error B. sampling error C. random error D. none of these
7	The additive model of the time series is:	A. Y = T + S + C + I B. TSCI C. Y = a + bX D. Y = a + bX + cX²
8	A characteristic which varies in quantity from one individual to another is called a_____.	A. Association B. Correlation C. Variable D. Attribute
9	The shape of the normal distribution is like	A. J. B. L C. bell D. circle
10	The precision can be increased by ---------- the sample size	A. increasing B. decreasing C. changing D. ignoring
11	A statement about the value of a population parameter is called:	A. Null hypothesis B. Alternative hypothesis C. Simple hypothesis D. Composite hypothesis
12	The value of the coefficient of correlation relies between_____.	A. -1 and +1 B. 0 and 1 C. -1 and 0 D. -0.5 and + 0.5
13	The hypothesis which is tested for possible rejection is called	A. common hypothesis B. null hypothesis C. alternative hypothesis D. wrong hypothesis
14	Chi-square curve ranges from:	A. -∞ to +∞ B. 0 to ∞ C. -∞ to 0 D. 0 to 1
		A. ∑e B. ∑e² C. ∑e³

15	Sum of squares of residuals is denoted by	D. ∑e⁴
16	The critical region of=χ2distribution is	A. χ2 <χ2v; 1-α B. χ2 <χ2v;1-α C. χ2 <χ2 v;1-α/2 D. χ2 <χ2v;1-α/2
17	Level of significance is denoted by	A. 2 - α B. 3 - α C. α D. 1 - α
18	ŷ=a+bx, this line will be called least squares line if it makes=Σ(y-a-bx)2	A. maximum B. constant C. minimum D. variable
19	RAM is called_____storage.	A. Primary B. Secondary C. Control D. Scanner
20	The least squares estimates are unbiased estimates of the	A. statistic B. time series C. parameters D. variance