ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	For a 3 x 3 contingency table, the number of cells in the table are _____.	A. 3 B. 4 C. 6 D. 9
2	If any ultimate class frequency is negative the data will be	A. inconsistent B. consistent C. correlated D. composite
3	Level of significance is also called:	A. Power of the test B. Size of the test C. Level of confidence D. Confidence coefficient
4	The value of chi-square statistic is always _____.	A. Negative B. Non-negative C. Zero D. One
5	1 -&=nbsp;α is call:	A. Confidence coefficient B. Power of the test C. Size of the test D. Level of significance
6	In case of symmetrical distribution	A. μ₁ = μ₂ = μ₃ = μ₄ B. β₁ = β₂ C. P₁ < P₂
7	List of all the units of the population is called_____.	A. Random sampling B. Bias C. Sampling frame D. Probability sampling
8	C= ----------	
9	In simple linear regression, the number of unknown constants are:	A. Two B. Three C. Four D. Five
10	The point of inflection in normal distribution are _____.	A. μ - σ, μ + σ B. μ - σ, μ + 2σ C. μ, σ D. None of these
11	In case of normal distribution maximum value of ordinate is	A. μ B. Zero
12	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
13	Question Image	A. biased B. unbiased C. positively biased D. none of these
14	Super computers can perform more than ---------- calculations per second ?	A. 1 million B. 1 billion C. 1 trillion D. 1 lac
15	If Ho:π >πo , H1:π <πo and level of significance is=α then Ho will be rejected if	A. Z < Z=α B. Z=α/2 < Z C. Z > Z1-α

		D. Z < Z1-α
16	Sum of squares of residuals is denoted by	A. ∑e B. ∑e² C. ∑e³ D. ∑e⁴
17	The secular trend is measured by the method of semi-averages when:	A. Time series contains yearly value B. Trend is linear C. Time series contains odd number of values D. None of them
18	The shape of the chi-square distribution depends upon_____.	A. Parameters B. Number of cells C. Degrees of freedom D. Standard deviation
19	The equation of the quadratic (parabolic) trend is	A. ŷ=a+bx B. ŷ=a+by C. ŷ=a+bΣx+cΣx² D. ŷ=a+bx+cx²
20	The S.D of the sampling distribution of a statistics is called _____.	A. Standard error B. Serious error C. Dispersion D. Difference