

ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	In N is the size of population and n is the size of sample then possible samples that can be drawn with replacement are.	A. N/n B. N^{n-1} C. N^n D. None of these
2	If sampling is done without replacement then $\sigma =$	
3	The Level of ----- of test is the maximum probability with which we are willing to a risk of type -I error	A. correction B. error C. significance D. statistics
4	In normal distribution.	A. Mean $>$; median $>$; mode B. Mean = median = mode C. Mean $<$; median $<$; mode D. None of these
5	The most common type of computer memory is called	A. ROM B. REM C. RAM D. RIM
6	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. $Z \leq -Z_{1-\alpha/2}$
7	List of all the units of the population is called_____.	A. Random sampling B. Bias C. Sampling frame D. Probability sampling
8	If $r = -1$, then there is	A. negative correlation B. perfect negative correlation C. no correlation D. average correlation
9	The degree of confidence is equal to:	A. β B. $1 - \beta$ C. $1 - \alpha$ D. α
10	In moving average method, we cannot find the trend values of some:	A. Middle periods B. End periods C. Starting periods D. Between extreme periods
11	For an $r \times c$ contingency table, the number of degrees of freedom are equal to:	A. rc B. $r + c$ C. $(r-1)(c-1)$ D. $(r-1)(c-1)$
12	In a normal distribution, _____ = $\mu + 0.64745 \sigma$	A. $Q_{1/3}$ B. $Q_{3/3}$ C. μ D. σ
13	$1 - \alpha$ is call:	A. Confidence coefficient B. Power of the test C. Size of the test D. Level of significance
14	The bias increases by increasing the sample_____.	A. Unit B. Number C. Size D. None of these
15	Chi-square curve ranges from:	A. $-\infty$ to $+\infty$ B. 0 to $+\infty$ C. $-\infty$ to 0 D. 0 to 1
16	All odd ordered moments about mean are _____ in a normal distribution.	A. Zero B. Unity C. Positive

D. Negative

17	The maximum ordinate of a normal curve is at $X =$ _____.	A. μ B. σ C. \bar{X} D. S.D
18	A part of the population is called	A. parameter B. statistic C. sample D. both b and c
19	Keyboard is commonly used _____ device.	A. Output B. Input C. Primary D. Secondary
20	The straight line is fitted to a time series when the movements in the time series are	A. linear B. quadratic C. cubic D. constant