

## ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	The mean deviation (M.D) of a normal distribution is _____.	A. $\frac{4}{5}\sigma$ B. $\frac{5}{4}\sigma$ C. $\frac{2}{3}\sigma$ D. None of these
2	Points of inflexion of normal curve are at	A. $\mu - \sigma$ and $\mu + \sigma$ B. $\mu - \sigma$ and $\mu + \sigma$ C. $\mu - \sigma$ and $2\sigma$ D. $\mu - \sigma$ and $2\sigma$
3	If mean of the sampling distribution is equal to the parameter then the estimator will be	A. biased B. consistent C. sufficient D. unbiased
4	Is sampling without replacement, an element can be chosen:	A. Less than once B. More than once C. Only once D. Difficult to tell
5	Non probability form of sampling is	A. quota sampling B. sampling with replacement C. sampling without replacement D. none of these
6	Which output is permanent ?	A. hard copy B. real copy C. soft copy D. none of these
7	The values of test statistic which separate the rejection and non rejection regions for the test are called	A. simple values B. critical values C. parametric values D. none of these
8	Monitors, PC projectors and sound systems are	A. soft copy output devices B. real copy output devices C. raw copy output devices D. hardcopy output devices
9	When $b_{xy}$ is positive, then $b_{yx}$ will be _____.	A. Negative B. Positive C. Zero D. One
10	If any ultimate class frequency is negative the data will be	A. inconsistent B. consistent C. correlated D. composite
11	The elimination or addition of a few more time periods may change its	A. speed B. value C. direction D. none of these
12	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 these

		D. None of them
13	RAM is called	A. primary storage B. secondary storage C. tertiary storage D. tetra storage
14	Level of significance is denoted by	A. $2 - \alpha$ B. $3 - \alpha$ C. $\alpha$ D. $1 - \alpha$
15	A region for which the $H_0$ is rejected is called	A. acceptance region B. rejection region C. critical region D. both b and c
16	Another name of probability sampling is_____ sampling.	A. Random B. Non-random C. Error D. Bias
17	The most common type of computer memory is called	A. ROM B. REM C. RAM D. RIM
18	The following statistic are unbiased estimators:	A. The Sample mean B. $S^2 = \frac{\sum (X - \bar{X})^2}{n-1}$ C. The sample proportion D. All the above
19	In case of normal distribution the area to the left of the mean and area to the right of the mean is	A. positive B. negative C. equal D. unequal
20	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