

ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	_____ is the chance variation in an observation.	<p>A. Random error</p> <p>B. Mean</p> <p>C. Deviation</p> <p>D. Discrete Varibale</p>
2	The null hypothesis always refers to a specified value of the	<p>A. Population parameter</p> <p>B. Statistic</p> <p>C. Sample statistic</p> <p>D. None of these</p>
3	If the critical region is located equally in both tails of the sampling distribution of test statistic, the test is called a	<p>A. Two tailed test</p> <p>B. One tailed test</p> <p>C. Right tailed test</p> <p>D. Left tailed test</p>
4	A set that contains no element is called	<p>A. Null set</p> <p>B. Singleton set</p> <p>C. Zero set</p> <p>D. Infinite set</p>
5	_____ is the maximum variance unbiased estimator of the population variance	<p>A. Estimator</p> <p>B. Statistic</p> <p>C. Sample mean</p> <p>D. All of these</p>
6	The process of making tables or arranging data into rows and columns is called	<p>A. Classification</p> <p>B. Tabulation</p> <p>C. Information</p> <p>D. Arrangement</p>
7	The sum of squares of the deviations of the observation from their mean is	<p>A. Minimum</p> <p>B. Maximum</p> <p>C. Zero</p> <p>D. One</p>
8	A specific value of an estimator computed from the sample data after the sample has been observed is called	<p>A. Point estimate</p> <p>B. Statistical Inference</p> <p>C. Statistic</p> <p>D. Parameter</p>
9	When each outcome of a sample space is as likely to occur as any other, the outcomes are called	<p>A. Mutually exclusive</p> <p>B. Exhaustive</p> <p>C. Equally likely</p> <p>D. None of these</p>
10	The Classes $A\bar{B}$, αB , etc. are called	<p>A. Positive classes</p> <p>B. Negative classes</p> <p>C. Negative of A and B</p> <p>D. Contrary classes</p>
11	Sample mean is a	<p>A. Constant</p> <p>B. Parameter</p> <p>C. Variable</p> <p>D. Statistic</p>
12	If $r = 1$ or -1 , the regression lines are	<p>A. Parallel</p> <p>B. Inclined at the angle θ</p> <p>C. Perpendicular</p> <p>D. None of these</p>
13	Computer memory	<p>A. Performs all calculations</p> <p>B. Receives input data</p> <p>C. is extremely limited</p> <p>D. is better than human memory</p>
14	The weighted price index is sometimes referred to as the	<p>A. Simple price</p> <p>B. Composite index</p> <p>C. Multi index</p> <p>D. None of these</p>
15	The part of column captions is called	<p>A. Stub</p> <p>B. Body of the column</p> <p>C. Box-head</p> <p>D. Prefatory</p>

16	Time series analysis is used to analyze data	A. Over different time periods B. Across different companies C. Across different companies and across different time periods D. That are qualitative
17	A set od data depending on the time is called	A. Historigram B. Histogram C. Time series D. None of these
18	A value calculated from sample is called	A. Parameter B. Variable C. Constant D. Statistic
19	Geometric mean of 0, 5, 1, 4, 8 is	A. 8 B. 5 C. 2 D. 1
20	Selecting a representative sample from a given population called	A. Finite population B. Sampling C. Infinite population D. None of these
