

ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	The branch of statistics concerned with using probability concepts to deal with uncertainty in decision making is called	A. Estimation B. Statistical Inference C. Point estimate D. None of these
2	If a set contains a specific number of elements then it is called	A. Finite set B. Infinite set C. Universal set D. Disjoint set
3	Number of instructions processed in one second is called _____ of computer	A. Accuracy B. Speed C. Frequency D. None of these
4	When each outcome of a sample space is as likely to occur as any other, the outcomes are called	A. Mutually exclusive B. Exhaustive C. Equally likely D. None of these
5	Sample mean is a	A. Constant B. Parameter C. Variable D. Statistic
6	A collection of eight bits is called	A. Byte B. Word C. Record D. File
7	A point estimate is a single number that is used to estimate an unknown	A. Constant B. Parameter C. Variable D. None of these
8	Bias is	A. Non random error B. Option A & C C. Cumulative D. None of these
9	Statistical laws are true	A. On the average B. In each case C. In long run D. None of these
10	When a pair of dice is rolled, the sample space consists of	A. 6 outcomes B. 36 outcomes C. 12 outcomes D. 24 outcomes
11	The most common measures of absolute variability are also called	A. Range B. Measures of spread C. Relative measures D. Mean deviation
12	The null hypothesis always refers to a specified value of the	A. Population parameter B. Statistic C. Sample statistic D. None of these
13	The probability of a type 1 error is	A. Alpha B. beta C. Power curve D. None of these
14	The collecting of information from a part of the population is called making a	A. Census B. Complete enumeration C. Discrete sampling D. None of these

A. $B + \alpha$
 B. $(AB) + (AB)$

15	In the study of two attributes, $n =$	C. $AB +$ (αB) D. $(A) +$ (α)
16	The sum of squares of the deviations of the observation from their mean is	A. Minimum B. Maximum C. Zero D. One
17	The process of making tables or arranging data into rows and columns is called	A. Classification B. Tabulation C. Information D. Arrangement
18	The statement of the alternative hypothesis never contains a(n) _____ sign regarding the specified value of the parameter	A. equal B. greater than C. less than D. None of these
19	The statistical estimation of population is divided into	A. two types B. Three types C. cannot divided D. None of these
20	The difference between the upper and the lower class boundaries of a class is called	A. Class interval B. Class distribution C. Frequency D. Cumulative frequency