ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	_____ is the maximum variance unbiased estimator of the population variance	A. Estimator B. Statistic C. Sample mean D. All of these
2	In data of birth's and death'd and epidemics as a result of advancement in medical sciences, the secular trend is usually	A. a downward tendency B. zero tendency C. an upward tendency D. None of these
3	1 GHz equals to	A. 1024 Hz B. 10^4 MHz C. 10^2 MHz D. 1024 MHz
4	The sum of probabilities of a discrete random variable is always	A. 0 B. 1 C. Infinity D. None of these
5	The number used to describe classes in a frequency distribution are called	A. Class limits B. Relative frequency C. Cumulative frequency D. Width of class
6	The most frequent value in a data set is called	A. Mean B. Median C. Mode D. Quartile
7	Probability sampling is also called	A. Random sampling B. Discrete sampling C. Continuous sampling D. Standard error
8	Sample mean is a	A. Constant B. Parameter C. Variable D. Statistic
9	The Classes Aβ,αB, etc. are called	A. Positive classes B. Negative classes C. Negative of A and B D. Contrary classes
10	The attributes denoted by A, B, ... are called	A. Positive attributes B. Negative attributes C. Contingency attributes D. None of these
11	The _____ is a systematic component of variation in a time series.	A. Historigram B. Signal C. Noise D. Time period
12	The _____ is an irregular component of variation in a time series	A. Signal B. Noise C. Response D. None of these
13	The unit of frequency is	A. Hertz B. Bytes C. Mega bytes D. None of these
14	The frequency of classes of the highest order are called	A. Consistence of frequencies B. Ultimate class frequencies C. Independence of attributes D. None of these
15	The part of the table containing row captions is called	A. Stub B. Row captions C. Box-head D. Row-head

16	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
17	The area under the probability density function is	A. 1 B. 0 C. Minimum D. None of these
18	The data which have not undergone any statistical treatment are _____ data	A. Primary B. Secondary C. Grouped D. None of these
19	When choosing an estimator of a population parameter, one should consider	A. Sufficiently B. Efficiency C. Option A & B D. None of these
20	The positive square root of the variance is refered to as the	A. Mean deviation B. Quartile deviation C. Standard deviation D. Range