

ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	The probability distribution of a discrete random variable is usually written with the help of a function, called its	A. Formula B. Variable C. Random variable D. Discrete variable
2	The probability density function of a continuous random variable Y is specified by a	A. straight line B. Rectangle C. Smooth curve D. Circle
3	Mean deviation is always	A. Greater than S.D B. Less than S.D C. Equal to S.D D. Negative
4	Which one of the following is an example of seasonal variation	A. An increase in consumption of electricity in summer B. A steel strike, delaying production for a week C. A continually increasing demand for smaller automobiles D. None of these
5	The most frequent value in a data set is called	A. Mean B. Median C. Mode D. Quartile
6	The attributes denoted by A, B, are called	A. Positive attributes B. Negative attributes C. Contingency attributes D. None of these
7	If x and y are independent variables, then two lines of regression are	A. $x=0, y=0$ B. $x=0, y=const$ C. $x=const, y=0$ D. $x=const, y=const$
8	The seasonal variations are	A. Long term movements B. Short term movements C. Cyclical fluctuations D. Secular trend
9	The probability distribution of a discrete random variable is usually called its probability	A. Inverse function B. Mass function C. Density function D. Frequency function
10	The CPU of a digital computer consists of	A. ALU B. Main memory C. Control unit D. All of the above
11	The mean of the absolute deviations between the values and their median is called	A. Population B. Standard deviation C. Range D. Mean deviation
12	If A denote that the object possesses the attribute A, then α means	A. β B. Not β C. Not α D. Not A
13	A set of data depending on the time is called	A. Historigram B. Histogram C. Time series D. None of these
		A. Null set

14	A set that contains no element is called	B. Singleton set C. Zero set D. Infinite set
15	A null hypothesis is always one of status quo or	A. effected B. having some difference C. having alternative D. no difference
16	Another name of the population is	A. Experiment B. Survey C. Universe D. Parameter
17	The first moment about mean is equal to	A. Mean B. Zero C. Median D. Mode
18	_____ is a quantity computed from a population when the entire population is available.	A. Variables B. Surveys C. Ratio D. Parameters
19	A well defined collection of distinct objects is called	A. Probability B. Chance C. Element D. A set
20	The entries in different cells of columns and rows in a table are called	A. Body of the table B. Captions C. Stub D. Prefatory notes