

ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	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
2	A procedure of making judgment about the unknown value of a population parameter by using the sample observation is called	A. Statistical Inference B. Parameter C. Testing of hypothesis D. Statistical estimation
3	The unit of frequency is	A. Hertz B. Bytes C. Mega bytes D. None of these
4	A variable whose values depend upon the outcomes of a random experiment is called a	A. Constant B. Parameter C. Random variable D. Continuous variable
5	If x and y are independent variables, then two lines of regression are	A. $x=0, y = 0$ B. $x = 0, y = \text{const}$ C. $x = \text{const}, y = 0$ D. $x= \text{const}, y = \text{const}$
6	_____ is the maximum variance unbiased estimator of the population variance	A. Estimator B. Statistic C. Sample mean D. All of these
7	The graph of the time series is called	A. Histogram B. Pie chart C. Bar diagram D. Histogram
8	_____ is a quantity computed from a population when the entire population is available.	A. Variables B. Surveys C. Ratio D. Parameters
9	Data are classified according to one characteristic, called	A. One-way classification B. Tabulation C. Single classification D. Documentation
10	The statistical estimation of population is divided into	A. two types B. Three types C. cannot divided D. None of these
11	The arrangement of data in order of magnitude is called	A. Order statistic B. Parameter C. Ratio D. Parameters
12	Sample mean is a	A. Constant B. Parameter C. Variable D. Statistic
13	Simple bar chart is represented by	A. Circular region B. Polygons C. Rectangles D. None of these
14	Number of instructions processed in one second is called _____ of computer	A. Accuracy B. Speed C. Frequency D. None of these
15	The attributes denoted by A, B, are called	A. Positive attributes B. Negative attributes C. Contingency attributes D. None of these

16 The mean of the absolute deviations between the values and their median is called

A. Population
B. Standard deviation
C. Range
D. Mean deviation

17 A set of data depending on the time is called

A. Histogram
B. Histogram
C. Time series
D. None of these

18 The probability of a type 1 error is

A. Alpha
B. beta
C. Power curve
D. None of these

19 If r between the lines of regressions of x and y and y on x , is ± 1 , then

A. Lines coincides
B. Lines are perpendicular
C. There is perfect correlation between x and y
D. A, B and C

20 A discrete variable is also known as

A. Continuous
B. Discontinuous
C. Random Variable
D. Deviation
