

## ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	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
2	is the chance variation in an observation.	A. Random error B. Mean C. Deviation D. Discrete Varibale
3	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
4	If any value is zero, then it is impossible to calculate	A. H.M B. Median C. A.M D. None of these
5	A fire in a factory delaying production for 3 weeks is an example of	A. Seasonal variation     B. Secular Trend     C. Cyclical fluctuations     D. Irregular Movements
6	The sum of probabilities of events of a sample space is always	A. Zero B. One C. Two D. Infinity
7	A set containing only one element is called	A. Disjoint set B. Singleton set C. Universal set D. Proper set
8	Simple bar chart is represented by	A. Circular region B. Polygons C. Rectangles D. None of these
9	The difference between the expected value of a statistic and the true value of the parameter being estimated is called	A. Accuracy B. Error C. Precision D. Bias
10	Which of the following would likely be a seasonal component of a time series	A. Holidays B. Population growth C. Law suits D. None of these
11	The CPU of a digital computer consists of	A. ALU B. Main memory C. Control unit D. All of the above
12	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
13	The heights of all the students enrolled at a college in a given year, is an example of	A. Infinite population     B. Finite population     C. Discrete sampling     D. None of these
14	Computer means	A. Complete B. Processing C. Data D. Calculate
15	The unit of frequency is	A. Hertz B. Bytes C. Mega bytes D. None of these

16	A set that contains no element is called	A. Null set B. Singleton set C. Zero set D. Infinite set
17	The total area under normal curve is	A. Infinity B. unity C. zero D. greater than one
18	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
19	The two attributes A and B are independent, if the co-efficient of association	A. Equals to one B. Equals to zero C. Not equals to zero D. None of these
20	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