

## ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	In symmetrical distribution, mean, median and mode are	A. Equal B. Different C. Zero D. None of these
2	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
3	The main function of a computer is	A. Data storage B. Speed C. Data Processing D. None of these
4	The _____ is a systematic component of variation in a time series.	A. Historigram B. Signal C. Noise D. Time period
5	A central value is also called	A. Central tendency B. Variability C. Population D. Parameter
6	Computer memory	A. Performs all calculations B. Receives input data C. is extremely limited D. is better than human memory
7	A discrete variable is also known as	A. Continuous B. Discontinuous C. Random Variable D. Deviation
8	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
9	Indices that involve a group of commodities are referred to as	A. Simple indices B. Common indices C. Aggregate indices D. Relative indices
10	If $r = 1$ or $-1$ , the regression lines are	A. Parallel B. Inclined at the angle $\theta$ ; C. Perpendicular D. None of these
11	Probability sampling is also called	A. Random sampling B. Discrete sampling C. Continuous sampling D. Standard error
12	Sum of absolute deviations are minimum if computed from	A. Mean B. Median C. Mode D. Range
13	A value calculated from sample is called	A. Parameter B. Variable C. Constant D. Statistic
14	The process of making tables or arranging data into rows and columns is called	A. Classification B. Tabulation C. Information D. Arrangement
		A. Accuracy

15	The number of pulses generated in one second is called _____	<b>B. Frequency</b> C. Hertz D. Data
16	Statistical laws are true	<b>A. On the average</b> B. In each case C. In long run D. None of these
17	The attributes denoted by A, B, ..... are called	<b>A. Positive attributes</b> B. Negative attributes C. Contingency attributes D. None of these
18	The difference between the expected value of a statistic and the true value of the parameter being estimated is called	<b>A. Accuracy</b> B. Error C. Precision D. Bias
19	The height of students, between 5.0 and 5.9 feet, is an example of	A. Discrete variable <b>B. Continuous variable</b> C. Constant D. Parameter
20	If the correlation coefficient $r = 0$ , the two regression lines are	A. Parallel <b>B. Perpendicular</b> C. Coincident D. Inclined at $45^\circ$ to each other