

## ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	The two regression lines are perpendicular to each other if	A. r = 1 B. r = 0 C. r = -1 D. None of these
2	If r = 1 or -1, the regression lines are	A. Parallel B. Inclined at the angle < C. Perpendicular 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 data which have not undergone any statistical treatment are data	A. Primary B. Secondary C. Grouped D. None of these
5	An index number calculated for more than one items is called	A. Composite B. Simple C. Relative D. None of these
6	A point estimate is a single number that is used to estimate an unknown	A. Constant B. Parameter C. Variable D. None of these
7	A discrete variable is also known as	A. Continuous B. Discontinuous C. Random Variable D. Deviation
8	A set od data depending on the time is called	A. Historigram B. Histogram C. Time series D. None of these
9	When a pair of dice is rolled, the sample space consists of	A. 6 outcomes B. 36 outcomes C. 12 outcomes D. 24 outcomes
10	The cyclical fluctuations are	A. Long term oscillation     B. Short term oscillation     C. Secular oscillation     D. None of these
11	In tabulation, column captions are also called	A. Box-head B. Body C. Stub D. None of these
12	is a quantity computed from a population when the entire population is available.	A. Variables B. Surveys C. Ratio D. Parameters
13	A specific value of an estimator computed from the sample data after the sample has been observed is called	A. Point estimate B. Statistical Inference C. Statistic D. Parameter
14	Random variable is also called	A. Changing  B. Stochastic C. Chance or stochastic D. None of these
15	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

16	The Classes $A\beta$ , $\alpha B$ , etc. are called	A. Positive classes B. Negative classes C. Negative of A and B D. Contrary classes
17	Primary data and ungrouped data are	A. Same B. Opposite C. Not same D. Proportional
18	A time series of annual data can contain which of the following components	A. Secular Trend B. Cyclical fluctuation C. Seasonal variation D. (A) and (B) only
19	If r between the lines of regressions of x and y and y on x, is $\pm 1$ , then	A. Lines coincides B. Lines are perpendicular C. There is perfect correlation between x and y D. A, B and C
20	When each outcome of a sample space is as likely to occur as any other, the outcomes are called	A. Mutually exclusive B. Exhaustive C. Equally likely D. None of these