

## ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	The height of students, between 5.0 and 5.9 feet, is an example of	A. Discrete variable B. Continuous variable C. Constant D. Parameter
2	Sample mean is a	A. Constant B. Parameter C. Variable D. Statistic
3	The two regression lines are perpendicular to each other if	A. r = 1 B. r = 0 C. r = -1 D. None of these
4	The co-efficient of variation is also called	A. Mean deviation     B. Quartile deviation     C. Standard deviation     D. Relative deviation
5	Probability sampling is also called	A. Random sampling B. Discrete sampling C. Continuous sampling D. Standard error
6	The most common measures of absolute variability are also called	A. Range B. Measures of spread C. Relative measures D. Mean deviation
7	The data which have not undergone any statistical treatment are data	A. Primary B. Secondary C. Grouped D. None of these
8	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
9	Lack of symmetry is called	A. Dispersion B. Moment C. Skewness D. Kurtosis
10	If r = 1 or -1, the regression lines are	A. Parallel B. Inclined at the angle &It C. Perpendicular D. None of these
11	The positive square root of the variance is refered to as the	A. Mean deviation     B. Quartile deviation     C. Standard deviation     D. Range
12	Recording the time (minutes) taken by the customers to wait for its turns in a utility store while standing in a queue, is an example of	A. Discrete variable B. Continuous variable C. Constant D. Parameter
13	The sum of probability of success and probability of failure in a binomial probability distribution is always	A. Zero B. One C. Less than 1 D. Greater than 1
14	A value calculated from sample is called	A. Parameter B. Variable C. Constant D. Statistic
15	The CPU of a digital computer consists of	A. ALU B. Main memory C. Control unit D. All of the above

16	When a pair of dice is rolled, the sample space consists of	A. 6 outcomes B. 36 outcomes C. 12 outcomes D. 24 outcomes
17	A discrete variable is also known as	A. Continuous B. Discontinuous C. Random Variable D. Deviation
18	The variance of a constant is	A. Constant B. Zero C. One D. None of these
19	Mean deviation is always	A. Greater than S.D B. Less than S.D C. Equal to S.D D. Negative
20	In symmetrical distribution, mean, median and mode are	A. Equal B. Different C. Zero D. None of these