ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	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
2	Graph of time series is called	A. Sector diagram B. Ogive C. Historigram D. None of these
3	A null hypothesis is always one of status quo or	A. effected B. having some difference C. having alternative D. no difference
4	A discrete variable is also known as	A. Continuous B. Discontinuous C. Random Variable D. Deviation
5	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
6	A.M is _____ affected by extreme values	A. Not B. Highly C. Less D. None of these
7	A population consists of unlimited number of elementary units	A. Continuous population B. Finite population C. Infinite population D. Mix population
8	An estimator is always is	A. Constant B. Variable C. Parameter D. Statistic
9	The _____ is an irregular component of variation in a time series	A. Signal B. Noise C. Response D. None of these
10	A central value is also called	A. Central tendency B. Variability C. Population D. Parameter
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	The simplest form of the continuous distribution is the	A. Discrete uniform distribution B. Probability mass function C. Density function D. Continuous uniform distribution
13	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
14	A _____ is the totality of items or things under consideration	A. Sample B. Population C. Statistic D. Parameter
15	Geometric mean of 0, 5, 1, 4, 8 is	A. 8 B. 5 C. 2 D. 1

16	If A denote that the object possesses the attribute A, thenα, means	A. β B. Notβ C. Notα D. Not A
17	If the correlation coefficient r = 0, the two regression lines are	A. Parallel B. Perpendicular C. Coincident D. Inclined at 45° to each other
18	Computer means	A. Complete B. Processing C. Data D. Calculate
19	The heading for different rows are called	A. Footnotes B. Prefatory note C. Stub D. None of these
20	The attributes denoted by A, B, ... are called	A. Positive attributes B. Negative attributes C. Contingency attributes D. None of these