ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	If all items are given equal weight, the index number is called	A. Weighted B. Unweighted C. Relative D. Composite
2	If a set contains a specific number of elements then it is called	A. Finite set B. Infinite set C. Universal set D. Disjoint set
3	The sum of deviations of the value from the mean is always	A. Minimum B. Maximum C. One D. zero
4	The probability distribution of a discrete random variable is usually called its probability	A. Inverse function B. Mass function C. Density function D. Frequency function
5	The sum of squares of the deviations of the observation from their mean is	A. Minimum B. Maximum C. Zero D. One
6	The degree of relationship between the two attributes is called	A. Association B. Dichotomy C. Variable D. None of these
7	Link relatives are not directly comparable because they have	A. Fixed base B. Not fixed base C. Zero values D. None of these
8	Mean is highly affected by	A. Even values B. Odd values C. Zero values D. Extreme value
9	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
10	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
11	The index numbers are calculated in	A. Decimal B. Ratios C. Percentages D. Option "A" and "B"
12	When statistics is applied in Economics, it is called:	A. Psychometry B. Econometrics C. Economistics D. Trigonometrics
13	_____ is always greater than or equal to zero	A. Range B. Standard deviation C. Mean deviation D. Variance
14	Another name of the population is	A. Experiment B. Survey C. Universe D. Parameter
15	Quantities which don't vary from individual to individual are called	A. Variables B. Surveys C. Constant D. Parameters

16	The heading for different rows are called	A. Footnotes B. Prefatory note C. Stub D. None of these
17	The arrangement of data in order of magnitude is called	A. Order statistic B. Parameter C. Ratio D. Parameters
18	In continuous distribution, P(y=a) and P(y= b) is always	A. Zero B. One C. Undefined D. Negative
19	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
20	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