

## ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	The measures of dispersion are changed by a change of	A. Origin B. Scale C. Algebraic sign D. None of these
2	The first moment about mean is equal to	A. Mean B. Zero C. Median D. Mode
3	Lack of symmetry is called	A. Dispersion B. Moment C. Skewness D. Kurtosis
4	Mean deviation about the median is	A. Maximum B. Minimum C. zero D. 1
5	The co-efficient of variation is also called	A. Mean deviation B. Quartile deviation C. Standard deviation D. Relative deviation
6	The positive square root of the variance is referred to as the	A. Mean deviation B. Quartile deviation C. Standard deviation D. Range
7	Mean deviation is always	A. Greater than S.D B. Less than S.D C. Equal to S.D D. Negative
8	Sum of absolute deviations are minimum if computed from	A. Mean B. Median C. Mode D. Range
9	Relative measures have no	A. Negative values B. Decimal values C. Units D. Value
10	The most common measures of absolute variability are also called	A. Range B. Measures of spread C. Relative measures D. Mean deviation
11	_____ is always greater than or equal to zero	A. Range B. Standard deviation C. Mean deviation D. Variance
12	The mean of the absolute deviations between the values and their median is called	A. Population B. Standard deviation C. Range D. Mean deviation
13	The difference between the highest and lowest values in a population is called	A. Range B. Variance C. Mean deviation D. Standard deviation
14	A symmetrical distribution has mean equal to 4. Its mode will be	A. Less than 4 B. Equal to 4 C. Greater than 4 D. None of these
15	If any value is zero, then it is impossible to calculate	A. H.M B. Median C. A.M D. None of these

16	In symmetrical distribution, mean, median and mode are	A. Equal B. Different C. Zero D. None of these
17	A.M is _____ affected by extreme values	A. Not B. Highly C. Less D. None of these
18	The most frequent value in a data set is called	A. Mean B. Median C. Mode D. Quartile
19	If any value in the data set is zero, then it is not possible to compute	A. H.M B. A.M C. Median D. Mode
20	G.M becomes zero if any of the observation is	A. zero B. 1 C. similar D. Opposite
21	Geometric mean of 0, 5, 1, 4, 8 is	A. 8 B. 5 C. 2 D. 1
22	The sum of squares of the deviations of the observation from their mean is	A. Minimum B. Maximum C. Zero D. One
23	Mean is highly affected by	A. Even values B. Odd values C. Zero values D. Extreme value
24	The sum of deviations of the value from the mean is always	A. Minimum B. Maximum C. One D. zero
25	A central value is also called	A. Central tendency B. Variability C. Population D. Parameter
26	Sample mean is a	A. Constant B. Parameter C. Variable D. Statistic
27	In tabulation, row captions are also called	A. Stub B. Box-head C. Body D. None of these
28	In tabulation, column captions are also called	A. Box-head B. Body C. Stub D. None of these
29	Graph of time series is called	A. Sector diagram B. Ogive C. Histogram D. None of these
30	Frequency polygon is a	A. Line graph B. Bar graph C. Circular graph D. Rectangle graph