

## Basic Statistics

Sr	Questions	Answers Choice
1	Rang =.....	A. $X_m + X_o$ B. $X_m - X_o$ C. $X_m / X_o$ D. $X_o / X_m$
2	The reciprocal of Arithmetic mean of reciprocal of values is called:	A. Average B. Harmonic mean C. Geometric mean D. None of these
3	A grouped frequency table is also called:	A. Data B. Frequency distribution C. Frequency Polygon
4	The size of class interval (6-10) is.	A. 4 B. 5 C. 8 D. 10
5	Sum of the deviations of the variable "X" from its mean is always:	A. Zero B. One C. Same
6	A group frequency table is called.	A. Data B. Frequency distribution C. Frequency polygon D. None of these
7	The spread or scatierness of observations in a data set is called.	A. Average B. Dispersion C. Central tendency D. Quartile
8	In the given set of data 5,7,7,5,3,7,2,8,2 mode is:	A. 9 B. 5 C. 2 D. 7
9	In a cumulative frequency Polygon frequencies are plotted against:	A. Mid points B. Upper class boundries C. Class limits
10	The most frequently occurring observation in a data set is called.	A. Mode B. Median C. Harmonic mean D. Mean
11	The measure which determines the middlemost observation in a data set is called.....	A. Median B. Mode C. Mean D. Variance
12	The mean of the squared deviations of $x_i$ ( $i = 1, 2, \dots, n$ ) observations from their arithmetic mean is called:	A. Variance B. Standard deviation C. Range
13	Arithmetic mean is a measure that determines a value of the variable under study by dividing the sum of all values of the variable by their:	A. Number B. Group C. Denominator
14	The observation that divide a data set into four equal parts are called.	A. Declies B. Quartiles C. Percentiles D. Harmonic mean
15	In a set of data, the difference between highest value and lowest value is called:	A. Standard deriation B. Range C. Dispersion D. All of these
16	A histogram is a set of adjacent:	A. Squares B. Rectangles C. Circles

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17	a deviation is defined as a difference of any value of the variable from a.....	A. Constant B. Histogram C. sum D. Frequency
18	The mean of the squared deviations of X observations from their arithmetic mean is called.	A. Variance B. Standard deviation C. Range D. Harmonic mean
19	The sum of 30 observations is 1500. Its average will be:	A. 1500 B. 150 C. 15 D. None of these
20	To find the public opinion or trend the most suitable statistics is:	A. Mean B. Median C. Mode D. Variance

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