

## Basic Statistics

Sr	Questions	Answers Choice
1	An _____ is defined as the union of two non-col-linear rays with some common end point:	A. angle B. vertex C. initial side D. terminal
2	The concept of antilogarithm is used to find the value of.....	A. A.M. B. G.M. C. H.M D. Mode
3	Types of dispersion are.....	A. 4 B. 5 C. 6 D. 8
4	Arithmetic means 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 D. Numerator
5	The most frequent occurring observation in a data set is called:	A. Mode B. Median C. Harmonic mean
6	A cumulative frequency table is also called.....	A. Frequency distribution B. Data C. Less then cumulative frequency distribution D. Histogram
7	A grouped frequency table is also called:	A. Data B. Frequency distribution C. Frequency Polygon
8	The measure of central tendency which is not affected by extreme values is called:	A. Median B. Arithmetic mean C. Geometric mean D. None of these
9	In a class of frequency distribution 14 - 18, the 18 is:	A. Upper class limit B. Lower class limit C. Class interval D. All of these
10	A value best representing a set of data is called:	A. Average B. Variance C. Standard derivation D. None of these
11	A data in the form of frequency distribution is called:	A. Grouped data B. Ungrouped data C. Histogram
12	Mean is affected by change in .....	A. Place B. Scale C. Rate D. None of these
13	The positive square root of mean of the squared deviation of $X_i$ ( $i=1,2,3,\dots,n$ ) observations from their arithmetic mean is called.	A. Harmonic mean B. Range C. Standard deviation D. Variance
14	In a cumulative frequency polygon freqncies are plotted against.	A. Midpoints B. Upper class boundaries C. Class limits D. Frequency
15	Types of measures of central tendency are.....	A. 3 B. 4 C. 5 D. 6

A. Variance

16	The mean of the squared deviations of $x_i$ , ( $i = 1, 2, \dots, n$ ) observations from their arithmetic mean is called.....	B. Standard deviation C. Range D. Mode
17	$1 + \cot^2 \theta = \underline{\hspace{2cm}}$ .	A. $\tan^2 \theta$ B. $\operatorname{cosec}^2 \theta$ C. $\cot^2 \theta$ D. $\sec^2 \theta$
18	During frequency distribution number of groups should be between.....	A. 5 and 10 B. 10 and 15 C. 10 and 20 D. 5 and 15
19	The spread of observations in a data set is called.	A. Average B. Dispersion C. Central tendency D. Mean
20	A cumulative frequency table is also called:	A. Frequency distribution B. Data C. Less than cumulative frequency distribution