Basic Statistics

Sr	Questions	Answers Choice
1	The positive square root of mean of the squared deviations of x_i(i=1, 2---------------------,n) observations from their arithmetic mean is called:	A. Harmonic mean B. Range C. Standard deviation
2	The measures that are used to determine the degree or extent of variation in a data set are called measures of:	A. Dispersion B. Central tendency C. Average
3	A data in the form of frequency distribution is called:	A. Grouped data B. Ungrouped data C. Histogram
4	A cumulative frequency table is also called:	A. Frequency distribution B. Data C. Less than cumulative frequency distribution
5	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
6	The measure which determines the middle most observation in a data set is called.	A. Median B. Mode C. Mean D. Rang
7	The positive square root of mean of the squared deviation of X,{1=1,2,3,.......n) observations from their arithmetic mean is called.	A. Harmonic mean B. Range C. Standard deviation D. Variance
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 set of data 63,65,66,67,69, median is:	A. 63 B. 66 C. 67 D. 69
10	The extent of variation between two extreme observations of a data set is measured by:	A. Average B. Range C. Quartiles
11	Mode from the following data ,4.4,5.5,6.6,7.7,8.8,6.5,6.5,7 is..........	A. 4 B. 5 C. 5.6 D. 5.7
12	The most frequent occurring observation in a data set is called:	A. Mode B. Median C. Harmonic mean
13	In class (30-39), lower class limit is....	A. 39 B. 9 C. 30 D. 34.5
14	Median from the data 2.3,2.7,2.5,3.1 and 1.9 Is........................	A. 2.3 B. 2.5 C. 2.7 D. 2.9
15	Tan 90 =_____.	A. $\sqrt{3}/2$ B. $1/\sqrt{3}$ C. 0 D. undefined
16	Sum of the deviations of the variable "X" from its mean is always:	A. Zero B. One C. Same

17	The measure which determines the middle-most observation in a data set is called:	A. Median B. Mode C. Mean
18	Mean is affected by change in	A. Place B. Scale C. Rate D. None of these
19	The standard deviation is 6 then its variance is...........	A. <p class="MsoNormal">√6<!--[endif]--><!--[endif]--><o:p></o:p></p> B. 36 C. 3 D. 6
20	A frequency polygon is a many sides.	A. Closed figure B. Rectangle C. Circle D. Triangle