

Basic Statistics

Sr	Questions	Answers Choice
1	The size of class interval (6-10) is.	A. 4 B. 5 C. 8 D. 10
2	The measure which determines the middle-most observation in a data set is called:	A. Median B. Mode C. Mean
3	The most frequent occurring observation in a data set is called:	A. Mode B. Median C. Harmonic mean
4	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
5	The mode in the data 1,3,5,3,7,9	A. 1 B. 3 C. 5 D. 7
6	The value obtained by reciprocating the mean of the reciprocal of $x_1, x_2, x_3, \dots, x_{11}$ observation is called.....	A. Geometric mean B. Median C. Harmonic mean D. S.D
7	A cumulative frequency table is also called:	A. Frequency distribution B. Data C. Less than cumulative frequency distribution D. Ogive
8	In a set of data 41,43,47,51,57,52,59 median is:	A. 51 B. 47 C. 52 D. None of these
9	A cumulative frequency curve is also called:	A. Histogram B. Pie chart C. Ogive D. Frequency polygon
10	A part of the circumference of a circle is called a/an :	A. angle B. arc C. circumference D. radian
11	In a set of data 63,65,66,67,69, median is:	A. 63 B. 66 C. 67 D. 69
12	Sum of the deviations of the variable "X" from its mean is always:	A. Zero B. One C. Same
13	A histogram is a set of adjacent:	A. Squares B. Rectangles C. Circles
14	The positive square root of mean of the squared deviations of x_i ($i=1, 2, \dots, n$) observations from their arithmetic mean is called:	A. Harmonic mean B. Range C. Standard deviation
15	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
16	A cumulative frequency table is called.	A. Frequency distribution B. Data C. Less than frequency distribution D. None of these

17	If θ lies in 2nd (second) quadrant then $\sin \theta$ and $\operatorname{cosec} \theta$ are:	A. negative B. positive C. zero D. undefined
18	$\sum_{x=1}^n [(x-1) x] = \dots\dots\dots$	A. 0 B. 1 C. -1 D. 2
19	$\tan 90 = \dots\dots\dots$.	A. $\sqrt{3}/2$ B. $1/\sqrt{3}$ C. 0 D. undefined
20	Harmonic mean for 1,2,5,8,4 is.....	A. 6.08 B. 5.08 C. 7.08 D. 4.08