

## Basic Statistics

Sr	Questions	Answers Choice
1	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
2	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
3	Harmonic mean for 1,2,5,8,4 is.....	A. 6.08 B. 5.08 C. 7.08 D. 4.08
4	The average pocket money of 30 students is Rs.20/- , The total amount in the class is:	A. Rs.20/- B. Rs.30/- C. Rs.300/- D. Rs.600/-
5	The most frequent occurring observation in a set of data is called.	A. Mode B. Median C. Harmonic mean D. Mean
6	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
7	Types of measures of central tendency are.....	A. 3 B. 4 C. 5 D. 6
8	The mode in the data 1,3,5,3,7,9	A. 1 B. 3 C. 5 D. 7
9	The measure which determines the middle most observation in a data set is called.	A. Median B. Mode C. Mean D. Rang
10	A part of the circumference of a circle is called a/an :	A. angel B. are C. circumference D. radian
11	One minute is denoted by:	A. 1' B. 1" C. 1° D. 60'
12	$\sum [(x) - x] = \dots\dots\dots$	A. 0 B. 1 C. -1 D. 2
13	The formula of area of circular sector is:	A. $r\theta$ B. $r^2\theta$ C. $\frac{1}{2}r^2\theta$ D. $2r^2\theta$
14	Variance is denoted by.....	A. V B. S C. $S^2$ D. X
15	Rang =.....	A. $X_m + X_o$ B. $X_m - X_o$ C. $X_m / X_o$ D. $X_m \times X_o$

16 A deviation is defined as a difference of any value of the variable from a.

- A. Constant
- B. Histogram
- C. Sum
- D. Product

17 A data in the form of frequency distribution is called.

- A. Grouped data
- B. Ungroup data
- C. Same
- D. None of these

18 The observation that divide a data set into four equal part, are called.

- A. Decites
- B. Quartiles
- C. Percentiles
- D. Mode

19 The standard deviation is 6 then its variance is.....

- A. 

6
- B. 36
- C. 3
- D. 6

20 A cumulative frequency table is called.

- A. Frequency distribution
- B. Data
- C. Less than frequency distribution
- D. None of these