

Basic Statistics

Sr	Questions	Answers Choice
1	The difference between upper limit of two consecutive classes is a frequency table is called:	A. Class limit B. Class interval C. Class mark D. All of these
2	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
3	The most frequent occurring observation in a data set is called:	A. Mode B. Median C. Harmonic mean
4	Variance is denoted by	A. V B. S C. S ² D. X
5	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/-
6	In a cumulative frequency Polygon frequencies are plotted against:	A. Mid points B. Upper class boundries C. Class limits
7	a deviation is defined as a difference of any value of the variable from a	A. Constant B. Histogram C. sum D. Frequency
8	A histogram is a set of adjacent	A. Squares B. Rectangles C. Circles D. Dots
9	The spread of observations in a data set is called.	A. Average B. Dispersion C. Central tendency D. Mean
10	A grouped frequency table is also called:	A. Data B. Frequency distribution C. Frequency Polygon
11	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
12	Σ ((x-) x-)=	A. 0 B. 1 C1 D. 2
13	A frequency polygon is a many sides.	A. Closed figure B. Rectangle C. Circle D. Triangle
14	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
15	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
16	In class (10-19) , upper class limit is.	A. 10 B. 19 C. 29

		D. 14.5
17	Mean is affected by change in	A. Place B. Scale C. Rate D. None of these
18	The class having maximum frequency is called class.	A. Model B. Median C. Lower D. Upper
19	Formula $I=r\theta$ is true only when θ is in:	A. degree B. radian C. revolution D. minute
20	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