

Basic Statistics

Sr	Questions	Answers Choice
1	A group frequency table is called.	A. Data B. Frequency distribution C. Frequency polygon D. None of these
2	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
3	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
4	In class (10-19) , upper class limit is.	A. 10 B. 19 C. 29 D. 14.5
5	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
6	The circumference of a circle is divide into _____ degrees:	A. 180° B. 270° C. 360° D. 30°
7	Sum of the deviations of the variable "X" from its mean is always:	A. Zero B. One C. Same
8	In a cumulative frequency Polygon frequencies are plotted against:	A. Mid points B. Upper class boundaries C. Class limits
9	The extent of variation between two extreme observations in a data is called.	A. Average B. Range C. Quartiles D. None of these
10	$\sec^2 \theta - \tan^2 \theta =$ _____.	A. $\sec^2 \theta$ B. $\cos^2 \theta$ C. 1 D. $\sin^2 \theta$
11	A histogram is a set of adjacent.	A. Squares B. Rectangles C. Circles D. Closed figures
12	The sum of 30 observations is 1500. Its average will be:	A. 1500 B. 150 C. 15 D. None of these
13	Variance is denoted by.....	A. V B. S C. S^2 D. X
14	A part of the circumference of a circle is called a/an :	A. angle B. arc C. circumference D. radian
15	Mean of a variable with similar observations any constant k is:	A. Negative B. k itself C. Zero
16	The extent of variation between two extreme observations of a data set is measured by.....	A. Average B. Range C. Quartiles D. Mode

17 Rang =.....

- A. $X^m + X^o$
- B. $X^m \cdot X^o$
- C. X^m / X^o
- D. $X^m \cdot X^o$

18 The radian measure of an angle that forms a complete circle is:

- A. 2π
- B. 3π
- C. 4π
- D. 6π

19 Formula $s=r\theta$ is true only when θ is in:

- A. degree
- B. radian
- C. revolution
- D. minute

20 A frequency polygon is a many side.....

- A. Closed figure
- B. Rectangle
- C. Square
- D. Circles