

Basic Statistics

Sr	Questions	Answers Choice
1	Mean is affected by change in:	A. Value B. Ratio C. Origin
2	In a cumulative frequency Polygon frequencies are plotted against:	A. Mid points B. Upper class boundries C. Class limits
3	In a set of observation. 5,5,7,9,9,9,9,11,11,11,11,12,12 the mode is:	A. 9 B. 11 C. Both 9 and 11 D. None of these
4	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
5	Mean is affected by change in:	A. Place B. Scale C. Rate D. Origen
6	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/-
7	A value best representing a set of data is called:	A. Average B. Variance C. Standard deriviation D. None of these
8	If the rotation of the ray is clockwise, the angle is in measure:	A. positive B. negative C. initial D. terminal
9	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
10	The sum of 30 observations is 1500. Its average will be:	A. 1500 B. 150 C. 15 D. None of these
11	Variance is denoted by	A. V B. S C. S ² D. X
12	The n^{th} positive root of the product of the $x_1, x_2, x_3, \dots, x_n$ observations is called:	A. Mode B. Mean C. Geometric mean
13	A histogram is a set of adjacent:	A. Squares B. Rectangles C. Circles
14	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
15	D° M' S"form of 45.36° is:	A. 45° 21" 36' B. 45' 21'° 36" C. 45° 21' 36" D. 45" 21' 36°
16	A frequency polygon is a many sides.	A. Closed figure B. Rectangle C. Circle

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17	Tan 90 =	A. $\sqrt{3}/2$ B. $1/\sqrt{3}$ C. 0 D. undefined
18	One minute is denoted by:	A. 1' B. 1" C. 1° D. 60'
19	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
20	A cumulative frequency table is also called	A. Frequency distribution B. Data C. Less then cumulative frequency distribution D. Histogram