

Statistics Ics Part 1 Chapter 3 Online Test

Sr	Questions	Answers Choice
1	When all the values in a series occur the same number of times, then it is not possible to compute the.	A. Mean B. Median C. Mode D. Weighted mean
2	Third quartile $Q_3 =$	A. P_{33} B. D_3 C. Median D. None of these
3	Which of the following is the first step in calculating the median of a data set.	A. Average the middle two values of the data set. B. Array the data C. Determine the relative weights of the data values in terms of importance D. None of these
4	In symmetrical distribution mean, median & mode are always.	A. zero B. negative C. Different D. Equal
5	The mean is affected by	A. Change of origin B. Scale of measurement C. Both a and b D. None of these
6	The mean of a constant 'a' is	A. 0 B. $a/2$ C. a^2 D. None of these
7	Code method of calculation is only used in:	A. Median B. Combined mean C. A.M D. None of these
8	The letter used as a symbol for population mean is	A. μ B. ϕ C. x D. σ
9	The third quartile is also called	A. 75 th percentile B. Upper quartile C. 5 th deciles D. Both (a) and (b)
10	The sum of squared deviation is minimum, when deviation are taken from	A. Mean B. Median C. Mode D. None of these
11	The formula for the lower quartile is	
12	For an open end distribution, without assuming certain limits it is not possible to find:	A. A.M B. G.M C. Median D. Both A and B
13	Which of the following average is affected by extreme values.	A. Median B. Mode C. Arithmetic mean D. All of these
14	It is the reciprocal of the simple average of the reciprocal of all the values.	A. A.M B. G.M C. H.M D. Mode
15	In which of these cases would the mode be most useful as an indicator of central tendency.	A. Every value in a data set occurs exactly once B. All but three values in a data set occur once, three values occur 5 times each C. All values in a data set occur exactly once D. All values in a data set occur exactly once

C. All values in a data set occur 10 times each
D. Every observation in a data set has the same value.

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- 16 If the values in a series are not of equal importance, we compute the.
- A. Median
B. Mean
C. Weighted mean
D. Harmonic mean
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- 17 The most central value of an arrayed data is.
- A. Mode
B. Median
C. Mean
D. Harmonic mean
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- 18 The most frequent value of the data is called
- A. Median
B. Mode
C. Mean
D. H.M
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- 19 Departure from symmetry is called.
- A. Kurtosis
B. Skewness
C. Dispersion
D. None of these
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- 20 Sum of squares of deviations of the values is least when deviations are taken from.
- A. Median
B. Mode
C. Mean
D. Harmonic mean
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