

Statistics Ics Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	A disadvantage of range is that it is based on.	A. Absolute deviation B. Square deviation C. Two extreme observation D. Upper and quartile
2	In symmetrical distribution if $Q_1 = 4$, $Q_3 = 12$ then median is.	A. 4 B. 6 C. 8 D. zero
3	The variance of 5,5,5,5,5 is.	A. 0 B. 25 C. 5 D. 125
4	Second moment about mean is.	A. 0 B. 1 C. variance D. Standard deviation
5	For a symmetrical distribution.	A. $B_1 = 0$ B. $B_1 = 3$ C. $B_2 = 3$ D. $B_3 = 3$
6	The types of dispersion are.	A. 2 B. 3 C. 4 D. 5
7	Which of the following statements is correct.	A. Every symmetrical curve is measokurtic B. Standard deviation is the mean squared deviations from the mean C. The standard deviation of a constant is constant D. Teh second moment about zero equals variance.
8	Mean deviation is always.	A. More than S.D. B. Equal to S.D. C. Less than S.D. D. None of these
9	The sum of squares of deviations is a minimum if these deviations are taken from the.	A. Mean B. Mode C. Median D. All of these
10	Moment ratios b_1 and b_2 are.	A. Expressed in original unit of the data B. Dimensionless quantities C. Independent of origin and scale of measurement D. Both b and c
11	The distribution is positively skewed if.	A. Mean < Mode B. Mean > Mode C. Mean > Median D. Both b and c
12	The distribution is measokurtic if the moment coefficient of of kurtosis b_2 is.	A. Equal to 0 B. Equal to 3 C. Less than 3 D. Greater than zero
13	The distribution is symmetrical if the moment coefficient of skewense b_1 is.	A. Negative B. Postive C. 3 D. 0
14	The compare the variation of two or more than two sereies, we use.	A. Mean absolute deviation B. Variance C. Coefficient of viariation D. Coefficient of variation

D. Corrected atandard deviation

15 Which measure of disperesion is considered as the best genereal purpose measure of dispersion.

- A. Range
- B. Semi interquartile range
- C. Standard deviation
- D. Mean deviation

16 If the third moment about mean is zero ($m_3 = 0$) , then the distribution is.

- A. Mesokurtic
- B. Positively skewed
- C. Symmetrical
- D. Negatively skewed

17 The mean deviation is least if deviations are taken from

- A. A.M
- B. Mode
- C. G.M
- D. Median