

Statistics Ics Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	The sum of absolute deviations is a minimum if these deviations are taken from the	A. Mean B. Mode C. Median D. All of these
2	The variance of constant is always	A. Constant B. One C. Positive D. Zero
3	For symmetrical distribution mega 3 is.	A. zero B. 1 C. 2 D. 3
4	The positive square root of the mean of the squares of deviations of values from their mean is	A. Variance B. Covariance C. Standard deviation D. Standard error
5	For symmetrical distributions the values of co-efficient of skewness is	A. Negative Number B. Positive Number C. Imaginary Number D. Pure Number
6	If Mean = 25 and $S^2 = 25$ the C.V is	A. 100% B. 25% C. 20% D. None of these
7	The S.D. of 8,8,8,8,8, is.	A. 8 B. $(8)^{2/2}$ C. zero D. 5
8	The sum of absolute deviation form median is.	A. zero B. negative C. least D. maximum
9	If $Q_3 = 20$ and $Q_1 = 10$ the coefficient of quartile deviation is.	A. 3 B. $1/3$ C. $2/3$ D. 1
10	In a symmetrical distribution the coefficient of skewness is equal to.	A. -1 B. +1 C. 0 D. None of these
11	Second moment about mean is.	A. 0 B. 1 C. variance D. Standard deviation
12	Which of the following measures of dispersion is independent of the units employed.	A. Standard deviation B. Quartile deviation C. $\text{Coefficient of variation}$ D. Variance
13	First central moment is always.	A. 0 B. 1 C. -1 D. 2
14	The range of the value -2, -4, -6 and -8 is.	A. -6 B. 6 C. -10 D. -4
15	Range can be calculated in open-end classes.	A. Never B. Always C. Often D. ...

		D. Seldom
16	Moment ratios b_1 and a_3 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
17	In a skewed distribution the three averages mean, median & mode are.	A. identical B. different C. 0 D. equal 1
18	The sum of the squares of deviations is the least when measured from.	A. A.M B. Median C. Mode D. Both A and B
19	The mean deviation can never be	A. Positive B. Negative C. Zero D. None of these
20	The distribution is symmetrical if the moment coefficient of skewness b_1 is.	A. Negative B. Positive C. 3 D. 0