Statistics Ics Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	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
2	The variance expresses the variability of data in ..... as unit of data.	A. Square of unit B. Squaare root of unit C. Same unit D. All of these
3	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
4	Karl Pearson's 1st co-efficient of skewness is given by formula	D. None of these
5	The distribution is positively skewed if.	A. Mean < Mode B. Mean > Mode C. Mean > Median D. Both b and c
6	First moment about mean is always equal to.	A. Standard deviation B. Zero C. 1 D. Variance
7	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
8	In a skewed distribution the three averages man, median & mode are.	A. identical B. different C. 0 D. equal 1
9	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
10	The value of standard deviation changes by change of.	A. Origin B. Algebraic sign C. Scale D. None
11	Co-efficent of quartile deviation can be calculated by the following formula	
12	Pearson's co-efficient of skewness is positive when distribution is	A. Negatively skewed B. Positively skewed C. Symmetrical D. Leptokurtic
13	Co-efficent of standard deviation can be measured by the following formula	
14	Mean deviation = S.D	A. 2/3 B. 4/5 C. 5/6 D. 6/5
15	The measures of disperesin are chaged by the change of.	A. Origin B. Scale C. Both a and b D. None of these
16	The S.D. of 8,8,8,8,8, is.	A. 8 B. (8)² C. zero D. 5
		A. Every symmetrical curve is measokurtic B. Standard deviation is the mean

17	Which of the following statements is correct.	squared deviations from the mean C. The standard deviation of a constant is constant D. Teh second moment about zero equals variance.
18	Moment ratios b1 and are.	A. Expressed in original unit of the data B. Dimensionless quantities C. Independent of origin and scale of messurement D. Both b and c
19	Second moment about mean is called	A. Standard deviation B. Mean deviation C. Variance D. Coefficient of variation
20	If Mean = 25 and S^2 =25 the C.V is	A. 100% B. 25% C. 20% D. None of these