Statistics Ics Part 1 Chapter 3 Online Test

Sr	Questions	Answers Choice
1	The mean of the first n natural numbers is.	A. n(n+1)2 B. (n+1)/2 C. (n-1)/2 D. n/2
2	If the mean is less than mode, the distribution is.	A. Positively skewed B. Negatively skewed C. Symmetrical D. None of these
3	The median of - 3, 0, -5 , is.	A. -3 B. 0 C. -5 D. Does not exist
4	The median divides the data into---------- equal parts	A. One B. Two C. Three D. Four
5	The most central value of an arrayed data is.	A. Mode B. Median C. Mean D. Harmonic mean
6	When referring to a curve that tails off to the left end, you would callit.	A. Symmetrical B. Skewed to the right C. Positively skewed D. None of these
7	The mean is based on.	A. Small values B. Extreme values C. All the values D. Large values
8	Which is appropriate averege for finding the average speed of a journey.	A. Mean B. Geometric mean C. Harmonic mean D. Weighted mean
9	Mode of the sereis 2,2,2,3,3,3,2,3,3,4 is.	A. 3 B. 2 and 3 C. 4 D. None of these
10	The sum of squared deviation is minimum, when deviation are taken form	A. Mean B. Median C. Mode D. None of these
11	If any value in a sereis is zero, then we cannot calculate the.	A. Mean B. Median C. Mode D. Harmonic mean
12	Coding method is used for calculation of the.	A. Median B. Mode C. Mean D. Weighted mean
13	The mean of a constant 'a' is	A. 0 B. a/2 C. a² D. None of these
14	What is teh major assumption we make when computing a mean from grouped data.	A. All values are discrete B. Eveery value in a class is equal to the midpoint C. No value occurs more than once D. Each class contains exactly the same number of values
15	Geometric mean can be calculated by formula	

16	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 tems of importance D. None of these
17	For negatively skewed distribution mean_____ median _____mode.	A. = B. < C. > D. None to these
18	In a symmetrical distribution Q_1 = 20, Median = 30 the Q_3 is:	A. 50 B. 40 C. 30 D. 60
19	Third quartile Q_3 =	A. P₃₃ B. D₃ C. Median D. None of these
20	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 valeus occur 5 times each C. All values in a data set occur 10 times each D. Every observation in a data set has the same value.