

Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Why is it necessary to square the difference from the mean when computing the standard deviation.	<p>A. So that the extreme values will not affect the calculation</p> <p>B. Some of the difference will be positive and some will be negative</p> <p>C. It can change drastically from one data set to the next</p> <p>D. It is determined by only two points in the data set</p>
2	The main advantages of using the range as a measure of dispersion is that.	<p>A. It is easy to calculate</p> <p>B. It is heavily influenced by extreme values.</p> <p>C. It can change drastically from one data set to the next</p> <p>D. It is determined by only two points in the data set</p>
3	Which of the following is a relative measure of dispersion.	<p>A. Standard deviation</p> <p>B. Variance</p> <p>C. Coefficient of variation</p> <p>D. All of these</p>
4	Which of the following average is affected by extreme values.	<p>A. Median</p> <p>B. Mode</p> <p>C. Arithmetic mean</p> <p>D. All of these</p>
5	In case of positively skewed distribution the extreme values lie in the.	<p>A. Middle</p> <p>B. Left tail</p> <p>C. Right tail</p> <p>D. Any where</p>
6	Which of the following average cannot be calculated from the observation 2,2,4,4,6,6,8,8,10,10	<p>A. Mean</p> <p>B. Median</p> <p>C. Mode</p> <p>D. All of these</p>
7	The median of - 3, 0, -5 , is.	<p>A. -3</p> <p>B. 0</p> <p>C. -5</p> <p>D. Does not exist</p>
8	If $X = 0, 2, 2, 4, 8, 10$, then G.M is.	<p>A. 4</p> <p>B. 8</p> <p>C. 10</p> <p>D. zero</p>
9	Mean is affected by the change of.	<p>A. Origin</p> <p>B. Scale</p> <p>C. Both a and b</p> <p>D. None</p>
10	The most frequent value of the data if it exists is.	<p>A. A.M</p> <p>B. G.M</p> <p>C. Mode</p> <p>D. Median</p>
11	If a distribution has two modes, then it is called.	<p>A. Uni- model</p> <p>B. Bi - model</p> <p>C. Tri-model</p> <p>D. Multi model</p>
12	Median divides the data into	<p>A. 2 parts</p> <p>B. 3 parts</p> <p>C. 4 parts</p> <p>D. 10 parts</p>
13	The mean is based on.	<p>A. Small values</p> <p>B. Extreme values</p> <p>C. All the values</p> <p>D. Large values</p>
14	Which average cannot be computed if any value is less than zero.	<p>A. G.M</p> <p>B. Median</p> <p>C. Mode</p> <p>D. ...</p>

D. A.M

15 If mean = 40 , Mdoe - 42 , then distributiion is.

- A. 4 skew
- B. 2 skew
- C. Symmetrical
- D. All of these

16 Which pair of measures cannot be calculated when one of numbers in the seriesis zero.

- A. G.M and A.M
- B. G.M and H.M
- C. H.M and A.M
- D. None of these

17 The suitable average for shoe or collar size is.

- A. Geometric mean
- B. Arithmetic mean
- C. Mode
- D. Median