# Statistics Ics Part 1 Chapter 3 Online Test

| Sr | Questions | Answers Choice |
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| 1 | It is the reciprocal of the simple average of teh reciprocal of all the values. | A. A.M<br>B. G.M<br>C. H.M<br>D. Mode |
| 2 | 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<br>B. All but three values in a data set occur once, three valeus occur 5 times each<br>C. All values in a data set occur 10 times each<br>D. Every observation in a data set has the same value. |
| 3 | When referring to a curve that tails off to the left end, you would callit. | A. Symmetrical<br>B. Skewed to the right<br>C. Positively skewed<br>D. None of these |
| 4 | When a distribution is symmetrical and has one mode, the highest point on the curve is called the. | A. Mode<br>B. Median<br>C. Mean<br>D. All of these |
| 5 | Departure from symmetry is called. | A. Kurtosis<br>B. Skewness<br>C. Dispersion<br>D. None of these |
| 6 | 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.<br>B. Array the data<br>C. Determine the relative weights of the data values in tems of importance<br>D. None of these |
| 7 | When calculating the average rate of debt growth for a company, the correct mean to use is. | A. Arithmetic mean<br>B. Weigheted arthmetic<br>C. Geometric mean<br>D. None of these |
| 8 | What is teh major assumption we make when computing a mean from grouped data. | A. All values are discrete<br>B. Eveery value in a class is equal to the midpoint<br>C. No value occurs more than once<br>D. Each class contains exactly the same number of values |
| 9 | Third quartile $Q_3$ = | A. $P_{33}$<br>B. $D_3$<br>C. Median<br>D. None of these |
| 10 | In a symmetrical distribution $Q_1$ = 20, Median = 30 the $Q_3$ is: | A. 50<br>B. 40<br>C. 30<br>D. 60 |
| 11 | For negatively skewed distribution mean_____ median _____mode. | A. =<br>B. &lt;<br>C. &gt;<br>D. None to these |
| 12 | For positive skewed distribution mean _____ Median _____ Mode. | A. =<br>B. &lt;<br>C. &gt;<br>D. None of these |
| 13 | Which of the following is not based upon all the observations. | A. A.M<br>B. G.M<br>C. H.M<br>D. Mode |
| | | A. 10 |

| 14 | For a certain distribution if $\Sigma(x-10) = 5$, $\Sigma(x-20) = 18$ & $\Sigma(x-15) = 0$ then the value of $\Sigma$ is. | B. 15<br>C. <div>20</div><br>D. 25 |
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| 15 | Code method of calculation is only used in: | A. Median<br>B. Combined mean<br>C. A.M<br>D. None of these |
| 16 | For the given data 2,3,7,0,-8 G.M will be. | A. Negative<br>B. Positive<br>C. Zero<br>D. Impossible |
| 17 | If any value in the date is zero, then it is not possible to have. | A. A.M<br>B. Median<br>C. Mode<br>D. H.M |