Q. 4. what is the value of the 99 percentile?
2, 2, 3, 4, 5, 5, 5, 6, 7, 8, 8, 8, 8, 8, 9, 9, 10, 11, 11, 12

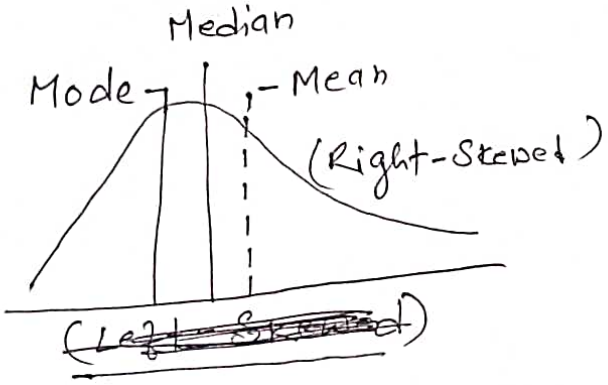
Ans:- $\frac{99}{100} \times 21 = 20.79$ index

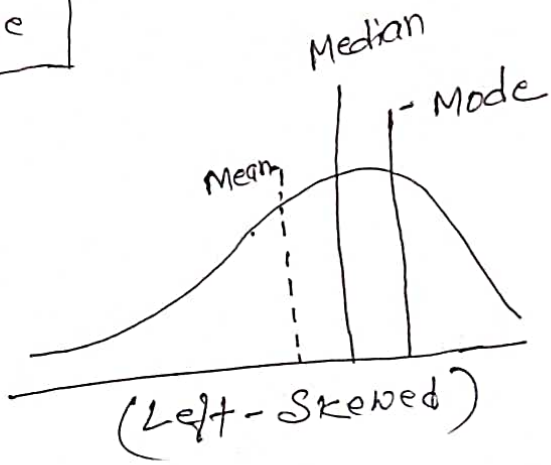
So, the ~~number~~ value is → 12

Q. 5. In left and right-skewed data, what is the relation between mean, median and mode. Draw the graph to represent the same.

Ans:— In Left-skewed data, the median and the mode would be to the left of the mean. That means that the mean is ~~gr~~ ~~gret~~ greater than the median and the median is greater than the mode.

Mean > Median > Mode




* In the Right skewed distribution the median and the mode would be ~~the~~ to the right of the mean. Thats means that the mean is less than the median and the median is less than the mode.

Mean < Median < Mode