**Que 1) Plot a histogram,**

**10, 13, 18, 22, 27, 32, 38, 40, 45, 51, 56, 57, 88, 90, 92, 94, 99**

Frequency

|

7 | ██

6 | ██

5 | ██

4 | ██

3 | ██ ██

2 | ██ ██ ██

1 | ██ ██ ██ ██ ██

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10 30 50 70 90

**Que 2)** **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**

99th percentile of the given data set is approximately 18.17.

**Que 3) In left & right-skewed data, what is the relationship between mean, median & mode?**

**Draw the graph to represent the same.**

In left-skewed data, the mean < median < mode, as the tail pulls the mean left. In right-skewed data, the mode < median < mean, as the tail pulls the mean right. Graphs for left-skewed show mean left of median, and right-skewed show mean right of median, with mode positioning accordingly.