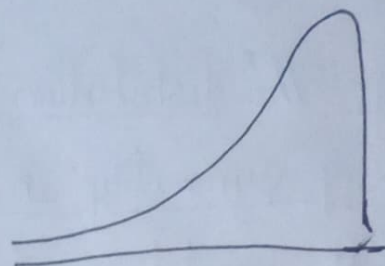
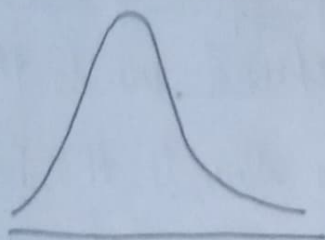
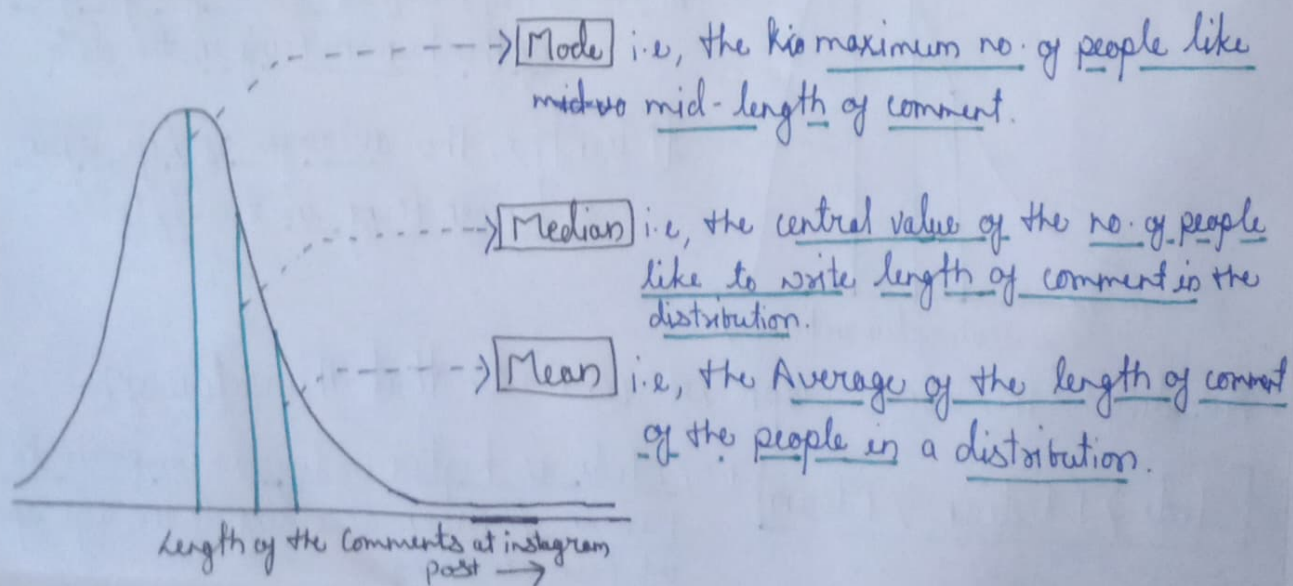


Q:- In Right-Skewed distribution and Left skewed- distribution, what will be the relationship between Mean, Median & Mode in these two distributions which will be higher?



⇒ Right-Skewed Distribution :- Let us suppose that we have the distribution of length of comments in the instagram post. The distribution of the data is right-skewed due to the lack of symmetry in the frequency of data. Because there are few people who like to write small comments, there are a lot of people who like to write the mid-length comments on the post & very less who are writing a long comment on the post. As we conclude the data we get a graph like :-



According to the graph we conclude that the values of :-

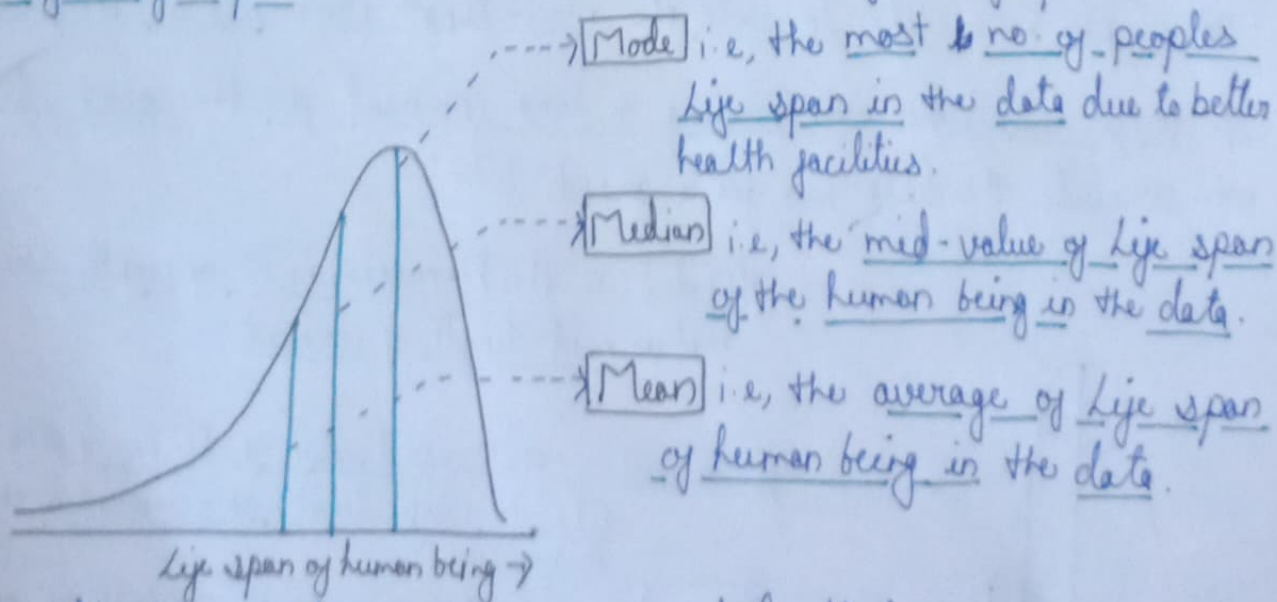
{23}

$\text{Mean} > \text{Median} > \text{Mode}$

i.e., Mean is higher value as compared to Median & Mode according to length of the comment at Instagram post.

Left-Skewed Distribution :- Let us suppose that we have a

distribution of Life span of human being. The distribution of the data is left-skewed due to the lack of symmetry in the frequency of data. Due to the better health facilities nowadays we see the life span of human being is longer, there are a few people who have shorter life span i.e., died at early of 30's. But as we go ahead of 30's to 40's their will be rise in the frequency of data, From 50's to 60's their will be peak of the frequency of data & after that there is a fall in it because there are very few people who will manage to have a longer life span. As we conclude the data we get a graph like :-



According to the above graph we conclude that the value of :-

$\text{Mode} > \text{Median} > \text{Mean}$

i.e., Mode is higher value as compared to Median & mean according to the life span of human being.