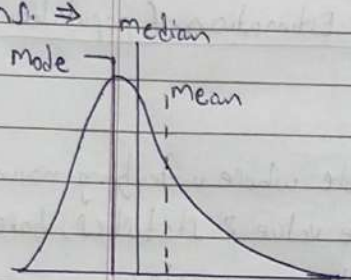
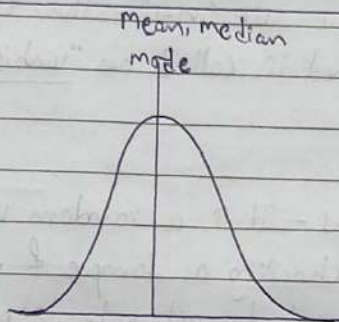


• Assignment-2) Relationship of mean, median & mode with Right skewed & left skewed distribution?

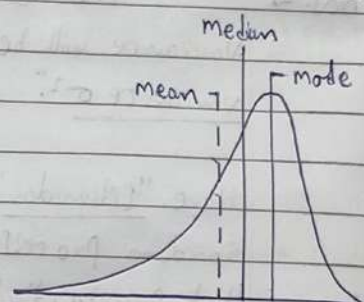
Ans. \Rightarrow



Positive skewed
i.e. Right skewed



Symmetrical
Distribution



Negative skewed
i.e. Left skewed

Ex:- 1) length of comments
people writing in
Krish channel

- 2) wealth distribution
in world

Ex:- Age, weight,
height, Iris
distribution

Ex:- Life span of human
being

• Relationship is \Rightarrow

$\text{Mean} > \text{median} > \text{mode}$

The median & mode should
be on the left side of
the mean.

• Relationship is \Rightarrow

$\text{Mean} \approx \text{median} \approx \text{mode}$

Here, value of mean, median
& mode are equal. Also it
is called as Normal Distri-
bution OR Bell curve.

• Relationship is \Rightarrow

$\text{Mode} > \text{median} > \text{mean}$

The median & mode would
be on right side of the
Mean.