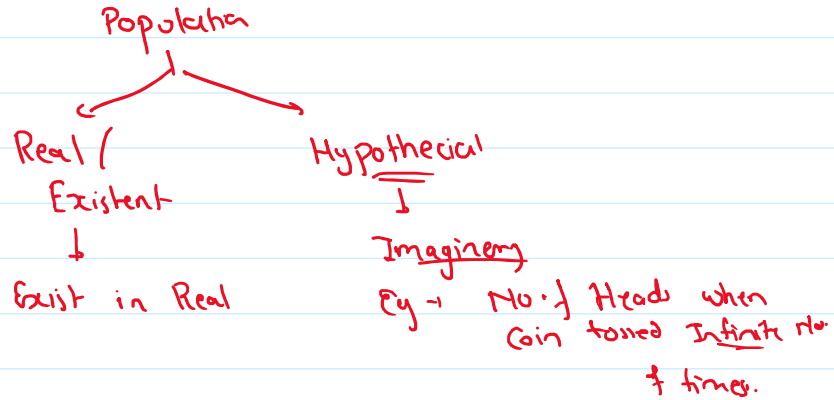
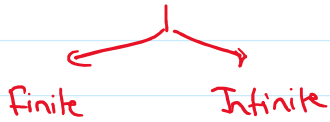


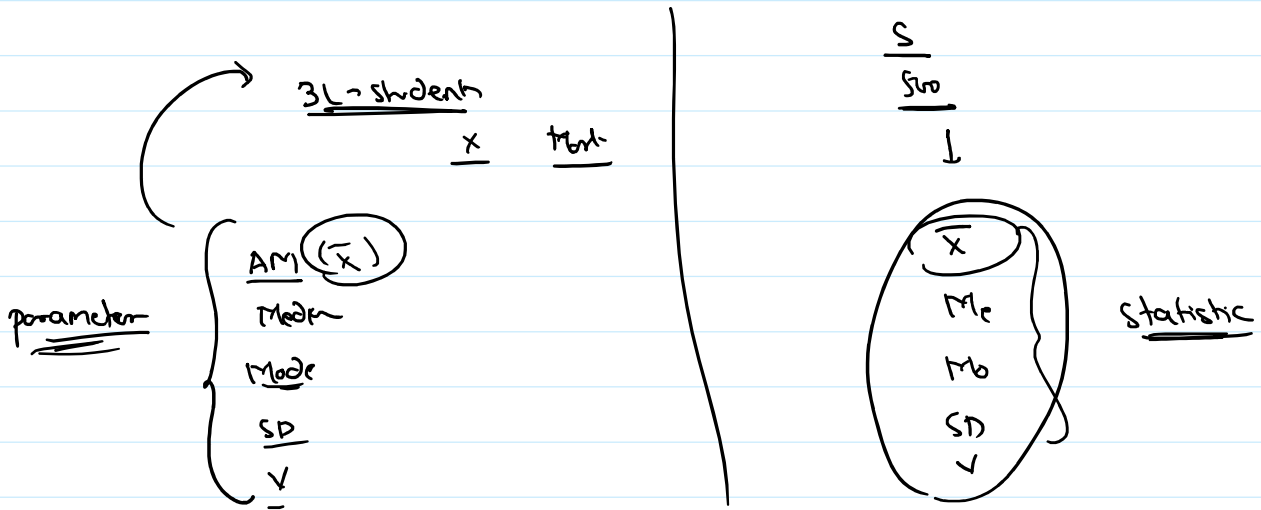
*] SAMPLING *

1] Imp. terms

1] Population \rightarrow whole data / Aggregate of all units.
 universe.



2] Sample \rightarrow selected data units from population.



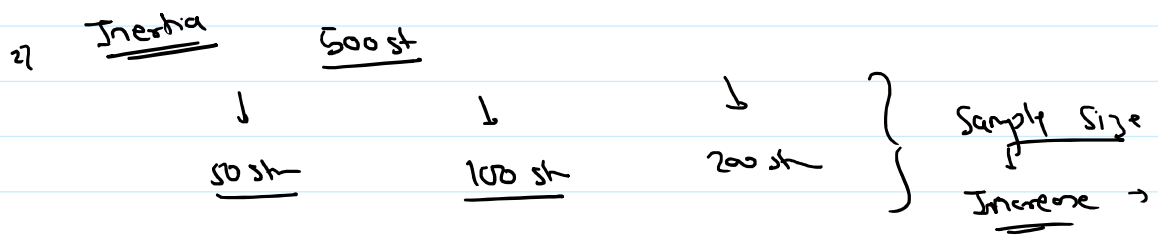
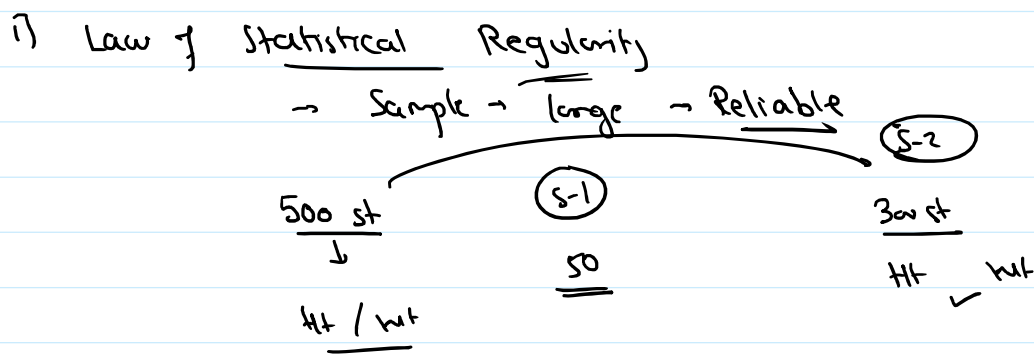
3] Parameter \rightarrow characteristic (Avg / variation) \rightarrow Population (N \rightarrow Population size)
 4] Statistic \rightarrow " " " " \rightarrow Sample (n = Sample size)

*1 Statistic \rightarrow (" ") \rightarrow Sample (n = Sample size)

5) Proportion = $\frac{x}{n}$ (ie $\frac{\text{say}}{\text{total P. size}}$)

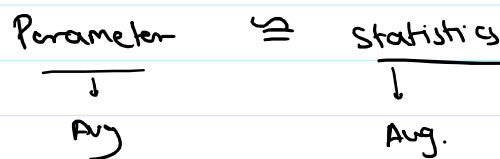
total P. size = 1000
 Sample = 100
 $\frac{P = 100}{1000} = 0.1$

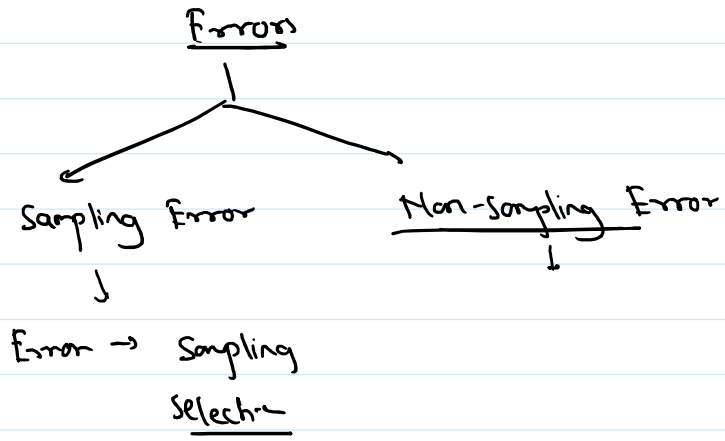
*1 Principles \rightarrow Sample



3) P \rightarrow optimization \rightarrow Sample \rightarrow Analysis \rightarrow Min. Cost
 \downarrow
Max. efficiency

4) Validity





11

1000

