Page No. 2 Statistics	Date
Statistics Is the Sciential and analysing data.	ince of collecting, organizing,
Data => Facts 08 p en = Agus of students 24,30,21,34 en - weights of student	ieces of information. in a class 1203 => Mean Median etz => Analysis s in a class
(75, 45, 50, 5	
Statist	ics (2 types)
Histogram, Banchart PdF Piechant Born plot Candleshick	Justing Consists of a technique by escating Conclusion: con - Claction is huppening population population Enit poll took Sumple of dealer perform some hypothesis had
	Annova etc. Conclution.

@

Interview question Amazon

What is the avg. Size of all Sharks in the world?

comple: - Let's say there are 20 classrooms in a university and you have collected the age of students in one classroom.

Ago [21,20,18,34,17,22,24,25,2623,223

Descriptive Statistics - What is the avg. age of the students in the

Minimumage, Outliers, Distribution, Transformation, mais age

Inferential Statistics - Are the any age of the Students in the classroom) equal to the (avg. ages of the entire uni) Population data.

Infountial Population data Sample

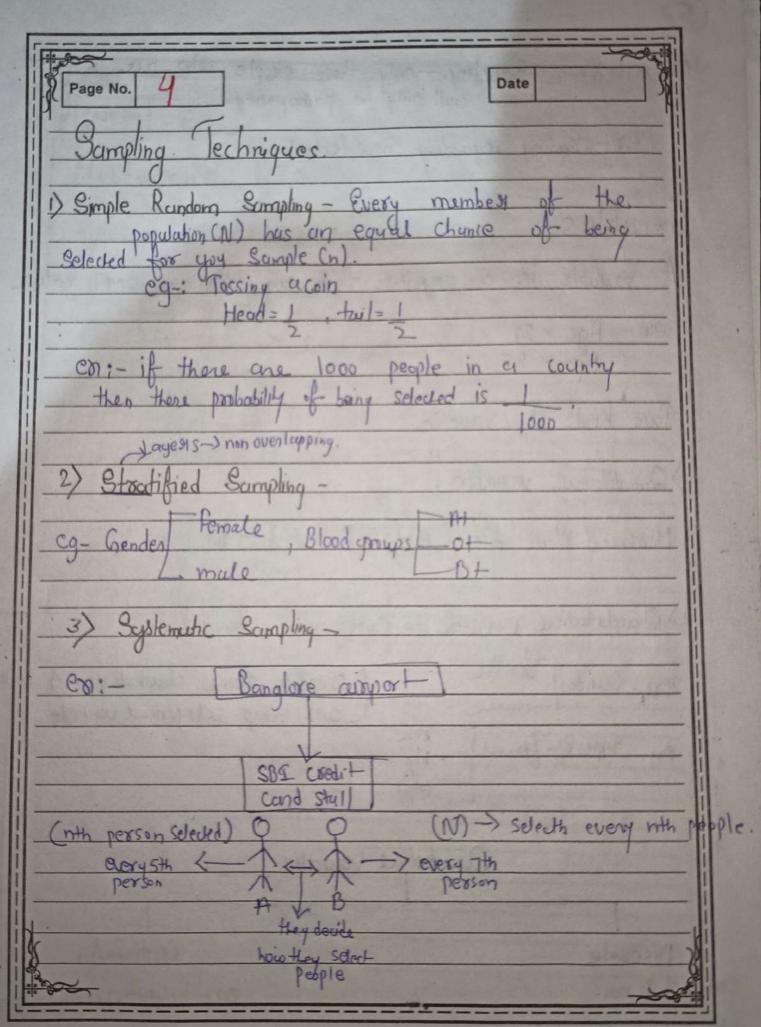
Population and Sample

eg: - East poll of state

-7 state A Population Clmillion ppl) Sample size (1000)

I Avg. hught of all the people in the State??

Sample Rightigh -> population



(5)

4) Convenience Sampling. — only those people who are intrested will only be participating.

en - Survey regarding new technology.

Variables.

A variable is a property that can take on any value

 e_{0} - Age = 29 Age = 25

Two kinds of variable

1) Quartitutue variable.

Measured Nemerically (Add, SUB, x and -)

2) Qualitative variable => Categorical variable

en Types of flowers Total

Intus

Sun

Lan group categorical variable.

Quantitive Variable

Discrete

co- whole no.

0,1,2,3,4 - . etc. but not 0.1,0,3,1.1 etc Continous.

Cg-height, weight etc. 1172 cm, 150,5 cm etc

