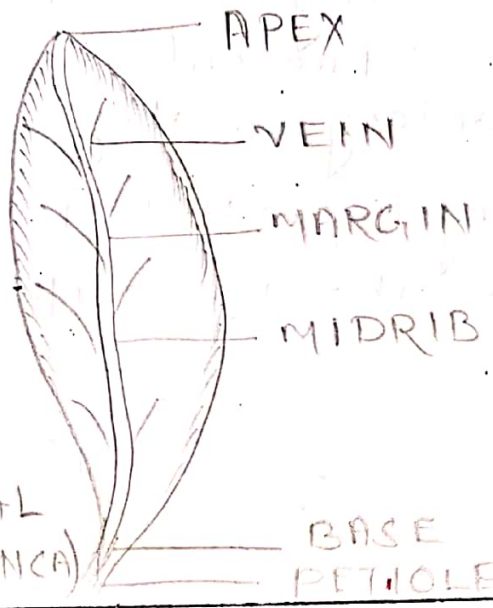


Name of the Experiment: To study about the morphological characteristics of supplied crude drug vinca.

**SKETCH**



(MORPHOLOGICAL CHARACTER OF VINCA)

**Material, Tools & Equipment Required (if any)**

Sl.No.	Name	Specification	Qty.
	Supplied leaf		

**PROCEDURE**

**THEORY:-** It is obtain from the drug whole plant of catharanthus belongs to family Apocynaceae.

**CHEMICAL CONSTITUENT:-**

- ① vinblastine
- ② vincristine are two major constituent of vinca.

**USES:-**

vincristine substance antineoplastic agent, it is used in the treatment of acute leucemia in childrens.

## Observations, Calculations, Graph

Colour → green  
odour → faint  
Taste → better  
apex → acute  
margin → complete  
Base → asymmetrical  
petiole → present  
shape is oblong or obovate  
size :- length → 4-7cm  
Breath → 3-5cm

### Safety Precaution:

### Application & Inference:

Due to the above characters we conclude that supplied sample ~~may~~ be *vinca*.

## ASSESSMENT

MARKING PROCEDURE		Full Mark	Marks Obtained	Remarks
Accuracy & Process	Sketch	10		
	Sequence of Operation	10		
	Use of Tools & Equipment	10		
	Safety Observation	5		
Report	Observations, Calculations, Graph	25		
Inference		30		
Viva		10		
Total		100		