

### 12th standard Bio-Botany Practical notes

2022-23

Name: \_\_\_\_\_  
 Reg.No: \_\_\_\_\_  
 Subject: \_\_\_\_\_  
 Class: \_\_\_\_\_ Section: \_\_\_\_\_  
 Date: \_\_\_\_\_ Batch: \_\_\_\_\_  
 Session: \_\_\_\_\_ Time: \_\_\_\_\_

IDENTIFICATION		
Q.No.	Ex.No.	Content
I		Preparation and Demonstration of Slides
	A1	T.S. of Mature Anther
II		Fresh or preserved specimens/Models/Photographs/Charts
	B7	Pyramid of Humans
III		Solving the Problems
	C5	Chromosomal Aberration - Deletion
IV		Experiments
	B2	Study of pH of different types of soil
V		Economic Importance of Plants
	B4	Henna Powder

Q.No.	Ex.No.	Content
I A		Preparation and Demonstration of Slides
	1. A1	T.S. of Anther Diagnostic Features
	2. A2	T.S. of an Angiosperm ovule
	3. A3	T.S. of Nervous Tissue
II B		Fresh or preserved specimens/Models/Photographs/Charts
	4. B1	Wind Pollinated Flowers - Anemophily
	B2	Insect Pollinated Flowers - Entomophily
	B3	Dicot seed
	B4	Leaf cloning vector (pBR 322)
	B5	Plant Tissue Culture - Callus with plantlets
	B6	Pyramid of Number
	B7	Pyramid of Biomass
	B8	Pyramid of Energy
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	10. C2	Analysis of seed sample to study Mendelian Dihybrid Cross
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	13. C5	Chromosomal Aberration - Deletion
	C6	Chromosomal Aberration - Duplication
	C7	Chromosomal Aberration - Inversion
	14. C8	Genetic - linkage map
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	16. D2	Study of pH of different types of soil
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V E		Economic Importance of Plants
	18. E1	Seeds of Unguiculy oil
	E2	Rubber
	E3	Flaked Rice or Awa
	E4	Henna Powder
	E5	Alum Gel

# Standard 12 Botany Practical Manual

**Yijin Wang**



## Standard 12 Botany Practical Manual:

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