

12th standard Bio-Botany Practical notes

2022-23

Name: _____
 Reg.No: _____
 Subject: _____
 Class: _____ Section: _____
 Date: _____ Batch: _____
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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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	11. C3	Flow of energy and Ten percent law
	12. C4	Determination of Population density and Percentage frequency by Quadrat method
	13. C5	Chromosomal Aberration - Deletion
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	16. D2	Study of pH of different types of soil
	17. D3	Isolation of DNA from plant materials
V E		Economic Importance of Plants
	18. E1	Seeds of Unguiculy oil
	E2	Rubber
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	E4	Henna Powder
	E5	Alar Gel

Standard 12 Botany Practical Manual

Marco Casella



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