DEPARTMENT OF BOTANY

Govt. Pt. Madhav Rao Sapre College, Pendra Road, Dist.- Gaurella- Pendra- Marwahi (C.G.)

Lesson Plan (Session 2022-23)

B. Sc. Part - II

Subject: Botany Name of Teacher: TILESHWER PRASAD CHANDRA

Paper - I: Plant Taxonomy, Economic Botany, Plant Anatomy and Embryology Paper - II: Ecology and Plant Physiology

	Paper - II: Ecology and Plant Physiology					
Week	Day	Date	Paper	Unit	Topic	
	Friday	01-07-2022			Admission Process	
	Saturday	02-07-2022			Admission Process	
	Sunday	03-07-2022	Holiday			
Week 1	Monday	04-07-2022			General Introduction	
	Tuesday	05-07-2022			General Discussion on scope of Botany	
	Wednesday	06-07-2022			How to write a perfect Answer?	
	Thursday	07-07-2022			How to prepare notes?	
	Friday	08-07-2022			Summarization of Paper 1	
	Saturday	09-07-2022	TT 111		Summarization of Paper 2	
	Sunday	10-07-2022	Holiday	** ** **	I de la companya de l	
	Monday	11-07-2022	Paper - I	Unit - I	Introduction of Plant Taxonomy	
	Tuesday	12-07-2022	Paper - I	Unit - I	Bentham and Hooker System of Classification	
XX1. 0	Wednesday	13-07-2022	Paper - I	Unit - I	Bentham and Hooker System: Merits and Demerits	
Week 2	Thursday	14-07-2022	Paper - II	Unit - I	Introduction of Plant Ecology	
	Friday	15-07-2022	Paper - II	Unit - I	Scope of Plant Ecology	
	Saturday	16-07-2022	Paper - II	Unit - I	Environmental Factors	
	Sunday Monday	17-07-2022	Holiday Paper - I	IInit I	Rinomial Namonalatura	
	Tuesday	18-07-2022 19-07-2022	Paper - I Paper - I	Unit - I Unit - I	Binomial Nomenclature IUCN: General Introduction	
	Wednesday	20-07-2022	Paper - I	Unit - I	IUCN for Algae, Fungi and Plants	
Week 3	Thursday	21-07-2022	Paper - II	Unit - I	Ecological Factors	
WEEK 3	Friday	22-07-2022	Paper - II	Unit - I	Soil Formation and Soil Profile	
	Saturday	23-07-2022	Paper - II	Unit - I	Liebig's Law of Minimum (PPT Presentation)	
	Sunday	24-07-2022	Holiday	Omt - 1	Liebig's Law of Minimum (11.1.11eschation)	
	Monday	25-07-2022	Paper - I	Unit - I	Typification	
	Tuesday	26-07-2022	Paper - I	Unit - I	Numerical Taxonomy	
	Wednesday	27-07-2022	Paper - I	Unit - I	Chemotaxonomy	
Week 4	Thursday	28-07-2022	Holiday	Cilit 1	Hareli Festival	
Week 1	Friday	29-07-2022	Paper - II	Unit - I	Shelford's law of Tolerance	
	Saturday	30-07-2022	Paper - II	Unit - I	Hydrophytes: Morphological & Anatomical Adaptation	
	Sunday	31-07-2022	Holiday		11) alophy won 1/10/photogram of 1 manoning in 1/10/photogram of 1	
	Monday	01-08-2022	Paper - I	Unit - I	Preservation of Plant Material	
	Tuesday	02-08-2022	Paper - I	Unit - I	Herbarium Techniques	
	Wednesday	03-08-2022	Paper - I	Unit - I	Important Botanical Gardens and Herbaria of India	
Week 5	Thursday	04-08-2022	Paper - II	Unit - I	Xerophytes: Morphological & Anatomical Adaptation	
	Friday	05-08-2022	Paper - II	Unit - I	Epiphytes: Morphological & Anatomical Adaptation	
	Saturday	06-08-2022	Paper - II	Unit - I	Unit Test - I / Quiz -I	
	Sunday	07-08-2022	Holiday			
	Monday	08-08-2022	Paper - I	Unit - I	Kew Botanical Garden, England	
	Tuesday	09-08-2022	Holiday		World Tribal Day / Moharram	
	Wednesday	10-08-2022	Paper - I	Unit - I	Invited Expert Lecture on Plant Taxonomy	
Week 6	Thursday	11-08-2022	Holiday		Raksha Bandhan	
	Friday	12-08-2022	Paper - II	Unit - II	Population Characteristics	
	Saturday	13-08-2022	Paper - II	Unit - II	Community Characteristics	
	Sunday	14-08-2022	Holiday			
Week 7	Monday	15-08-2022	Holiday		Independence Day	
	Tuesday	16-08-2022	Paper - I	Unit - I	Unit Test - I / Quiz -I	
	Wednesday	17-08-2022	Paper - I	Unit - II	Terminology for Family Description	
	Thursday	18-08-2022	Paper - II	Unit - II	Raunkiar's Life Forms	
	Friday	19-08-2022	Holiday	** **	Krishna Janmashtami	
	Saturday	20-08-2022	Paper - II	Unit - II	Population Interaction	
	Sunday	21-08-2022	Holiday	** **	To the post of the	
	Monday	22-08-2022	Paper - I	Unit - II	Family: Ranunculaceae (PPT Presentation)	
Week 8	Tuesday	23-08-2022	Paper - I	Unit - II	Family: Magnoliaceae (PPT Presentation)	
	Wednesday	24-08-2022	Paper - I	Unit - II	Family: Brassicaceae (PPT Presentation)	
	Thursday	25-08-2022	Paper - II	Unit - II	Plant Succession - Xerosere	

I	Friday	26-08-2022	Paper - II	Unit - II	Plant Succession - Hydrosere
	Saturday	27-08-2022	Paper - II	Unit - II	Plant Succession - Tryuroscre Plant Succession - Lithosere
	Sunday	28-08-2022	Holiday	CIII II	1 fairt Duccession Ethiosere
Week 9	Monday	29-08-2022	Paper - I	Unit - II	Family: Rosaceae (PPT Presentation)
	Tuesday	30-08-2022	Holiday	Cint II	Hartalika Teej
	Wednesday	31-08-2022	Paper - I	Unit - II	Family: Papavaraceae (PPT Presentation)
	Thursday	01-09-2022	Paper - II	Unit - II	Ecotone and Edge effect
	Friday	02-09-2022	Paper - II	Unit - II	Ecological Niches
	Saturday	03-09-2022	Paper - II	Unit - II	Ecotypes and Ecads
	Sunday	04-09-2022	Holiday		71
	Monday	05-09-2022	Paper - I	Unit - II	Family: Caryophyllaceae (PPT Presentation)
Week 10	Tuesday	06-09-2022	Paper - I	Unit - II	Family: Rutaceae (PPT Presentation)
	Wednesday	07-09-2022	Paper - I	Unit - II	Family: Cucurbitaceae (PPT Presentation)
	Thursday	08-09-2022	Paper - II	Unit - II	Keystone Species
	Friday	09-09-2022	Paper - II	Unit - II	Concept of Ecosystem (PPT Presentation)
	Saturday	10-09-2022	Paper - II	Unit - II	Trophic Levels
	Sunday	11-09-2022	Holiday		
	Monday	12-09-2022	Paper - I	Unit - II	Family: Apiaceae (PPT Presentation)
	Tuesday	13-09-2022	Paper - I	Unit - II	Family: Rubiaceae (PPT Presentation)
	Wednesday	14-09-2022	Paper - I	Unit - II	Family: Apocynaceae (PPT Presentation)
Week 11	Thursday	15-09-2022	Paper - II	Unit - II	Flow of Energy in Ecosystem (PPT Presentation)
	Friday	16-09-2022	Paper - II	Unit - II	Food Chains (PPT Presentation)
	Saturday	17-09-2022	Paper - II	Unit - II	Food Web (PPT Presentation)
	Sunday	18-09-2022	Holiday	** **	To the Art of the Opper December 1
	Monday	19-09-2022	Paper - I	Unit - II	Family: Asclepiadaceae (PPT Presentation)
	Tuesday	20-09-2022	Paper - I	Unit - II	Family: Solanaceae (PPT Presentation)
XX 1 10	Wednesday	21-09-2022	Paper - I	Unit - II	Family: Malvaceae (PPT Presentation)
Week 12	Thursday	22-09-2022	Paper - II	Unit - II	Concept of Ecological Pyramids
	Friday	23-09-2022	Paper - II	Unit - II	Biogeochemical Cycle: Carbon Cycle
	Saturday Sunday	24-09-2022 25-09-2022	Paper - II	Unit - II	Biogeochemical Cycle: Nitrogen Cycle
	Monday	26-09-2022	Holiday Paper - I	Unit - II	Family: Convolvulaceae (PPT Presentation)
	Tuesday	27-09-2022	Paper - I	Unit - II	Family: Orchidaceae (PPT Presentation)
	Wednesday	28-09-2022	Paper - I	Unit - II	Family: Acanthaceae (PPT Presentation)
Week 13	Thursday	29-09-2022	Paper - II	Unit - II	Biogeochemical Cycle: Phosphorus Cycle
WCCK 13	Friday	30-09-2022	Paper - II	Unit - II	Unit Test- II/ Quiz- II
	Saturday	01-10-2022	Paper - II	Unit - II	Invited Expert Lecture on Ecosystem
	Sunday	02-10-2022	Holiday	CIIIC II	mytea Expert Eccare on Ecosystem
	Monday	03-10-2022	Holiday		Dusshera
	Tuesday	04-10-2022	Holiday		Dusshera
	Wednesday	05-10-2022	Holiday		Dusshera
Week 14					
	Thursday	06-10-2022	Paper - II	Unit - III	
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COR I I			Paper - II Paper - II Paper - II	Unit - III	Plant Water Relation: Diffusion and Permeability
	Friday	07-10-2022	Paper - II		Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition
	Friday Saturday	07-10-2022 08-10-2022	Paper - II Paper - II	Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition
	Friday Saturday Sunday Monday Tuesday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I	Unit - III Unit - III Unit - II Unit - II	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation)
	Friday Saturday Sunday Monday Tuesday Wednesday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation)
Week 15	Friday Saturday Sunday Monday Tuesday Wednesday Thursday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential
	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water
	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Paper - II Paper - II	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential
	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 16-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Paper - II Paper - II Paper - II Holiday	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III Unit - III Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting
	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday Monday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 17-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Alliay Paper - I	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation)
	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 17-10-2022 18-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Alliday Paper - I Paper - I	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation)
Week 15	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday Wednesday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 14-10-2022 15-10-2022 16-10-2022 17-10-2022 18-10-2022 19-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Paper - I	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III Unit - II	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation) Family: Poaceae (PPT Presentation)
	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday Wednesday Thursday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 14-10-2022 15-10-2022 16-10-2022 17-10-2022 18-10-2022 19-10-2022 20-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Holiday Paper - I Paper - I Paper - I Paper - I	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III Unit - II Unit - II Unit - II	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation) Family: Poaceae (PPT Presentation) Absorption of Water
Week 15	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 16-10-2022 17-10-2022 18-10-2022 20-10-2022 21-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Paper - I	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III Unit - II Unit - II Unit - II Unit - III Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation) Family: Poaceae (PPT Presentation) Absorption of Water Theories of Ascent of Sap
Week 15	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday Wednesday Truesday Friday Saturday Sunday Sunday Sunday Sunday Tuesday Friday Saturday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 17-10-2022 18-10-2022 19-10-2022 20-10-2022 21-10-2022 22-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Paper - I Paper - II Paper - II	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III Unit - II Unit - II Unit - II	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation) Family: Poaceae (PPT Presentation) Absorption of Water
Week 15	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Monday Tuesday Wednesday Thursday Friday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Saturday Saturday Saturday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 16-10-2022 17-10-2022 19-10-2022 20-10-2022 21-10-2022 22-10-2022 23-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Paper - I Paper - II	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III Unit - II Unit - II Unit - II Unit - III Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation) Family: Poaceae (PPT Presentation) Absorption of Water Theories of Ascent of Sap Mineral Nutrition and Deficiency Symptoms (PPT Presentation)
Week 15	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Monday Tuesday Wednesday Thursday Friday Sunday Monday Truesday Wednesday Thursday Friday Saturday Saturday Sunday Monday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 16-10-2022 17-10-2022 18-10-2022 20-10-2022 21-10-2022 22-10-2022 23-10-2022 24-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Paper - I Paper - II Holiday Holiday	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III Unit - II Unit - II Unit - II Unit - III Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation) Family: Poaceae (PPT Presentation) Absorption of Water Theories of Ascent of Sap Mineral Nutrition and Deficiency Symptoms (PPT Presentation) Diwali
Week 15	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday Tuesday Friday Saturday Tuesday Tuesday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 17-10-2022 18-10-2022 19-10-2022 20-10-2022 21-10-2022 22-10-2022 24-10-2022 24-10-2022 25-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Paper - I Paper - II Holiday Holiday Holiday	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III Unit - II Unit - II Unit - II Unit - III Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation) Family: Poaceae (PPT Presentation) Absorption of Water Theories of Ascent of Sap Mineral Nutrition and Deficiency Symptoms (PPT Presentation) Diwali Diwali
Week 15 Week 16	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Monday Tuesday Wednesday Thursday Friday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Saturday Sunday Wednesday Thursday Friday Saturday Wednesday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 16-10-2022 17-10-2022 19-10-2022 20-10-2022 21-10-2022 22-10-2022 24-10-2022 25-10-2022 25-10-2022 26-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - II Paper - I Paper - II Holiday Holiday Holiday	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation) Family: Poaceae (PPT Presentation) Absorption of Water Theories of Ascent of Sap Mineral Nutrition and Deficiency Symptoms (PPT Presentation) Diwali Diwali Diwali
Week 15	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Monday Tuesday Wednesday Thursday Friday Sunday Wednesday Thursday Friday Saturday Saturday Sunday Wednesday Thursday Friday Saturday Tuesday Monday Tuesday Thursday Tuesday Thursday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 16-10-2022 17-10-2022 19-10-2022 20-10-2022 21-10-2022 22-10-2022 23-10-2022 24-10-2022 25-10-2022 26-10-2022 27-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - II Paper - I Paper - II	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation) Family: Poaceae (PPT Presentation) Absorption of Water Theories of Ascent of Sap Mineral Nutrition and Deficiency Symptoms (PPT Presentation) Diwali Diwali Diwali Transpiration
Week 15 Week 16	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Monday Tuesday Wednesday Thursday Friday Sunday Wednesday Thursday Friday Saturday Sunday Wednesday Thursday Friday	07-10-2022 08-10-2022 10-10-2022 11-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 16-10-2022 17-10-2022 18-10-2022 20-10-2022 21-10-2022 22-10-2022 23-10-2022 24-10-2022 25-10-2022 26-10-2022 27-10-2022 28-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - I Paper - II Paper - I Paper - II Holiday Holiday Holiday Paper - II Paper - II	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation) Family: Poaceae (PPT Presentation) Absorption of Water Theories of Ascent of Sap Mineral Nutrition and Deficiency Symptoms (PPT Presentation) Diwali Diwali Diwali Transpiration Stomatal Movement
Week 15 Week 16	Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Monday Tuesday Wednesday Thursday Friday Sunday Wednesday Thursday Friday Saturday Saturday Sunday Wednesday Thursday Friday Saturday Tuesday Monday Tuesday Thursday Tuesday Thursday	07-10-2022 08-10-2022 09-10-2022 10-10-2022 11-10-2022 12-10-2022 13-10-2022 14-10-2022 15-10-2022 16-10-2022 17-10-2022 19-10-2022 20-10-2022 21-10-2022 22-10-2022 23-10-2022 24-10-2022 25-10-2022 26-10-2022 27-10-2022	Paper - II Paper - II Holiday Paper - I Paper - I Paper - II Paper - I Paper - II	Unit - III Unit - III Unit - II Unit - II Unit - II Unit - II Unit - III	Plant Water Relation: Diffusion and Permeability Plant Water Relation: Osmosis and Imbibition Plant Water Relation: Plasmolysis Family: Verbenaceae (PPT Presentation) Family: Lamiaceae (PPT Presentation) Family: Asteraceae (PPT Presentation) Plant Water Relation: Osmotic Potential and Water Potential Plant Water Relation: Types of Soil Water Plant Water Relation: Water Holding Capacity and Wilting Family: Fabaceae (PPT Presentation) Family: Euphorbiaceae (PPT Presentation) Family: Poaceae (PPT Presentation) Absorption of Water Theories of Ascent of Sap Mineral Nutrition and Deficiency Symptoms (PPT Presentation) Diwali Diwali Diwali Transpiration

	Mondov	31-10-2022	Donor I	Unit - II	Family: Liliaceae
Week 18	Monday Tuesday	01-11-2022	Paper - I Paper - I	Unit - II	Quiz - II/ Unit Test - II
		02-11-2022		Unit - III	`
	Wednesday	02-11-2022	Paper - I	Unit - III	Economic Botany: Fiber Yielding Plants
	Thursday Friday	04-11-2022	Paper - II Paper - II	Unit - III	Factor affecting Transpiration Guttation
	Saturday	05-11-2022	Paper - II	Unit - III	Unit Test - III / Quiz- III
	Sunday	06-11-2022	Holiday	Ollit - III	Olit Test - III / Quiz- III
	Monday	07-11-2022	Paper - I	Unit - III	Economic Botany: Timber Yielding Plants
Week 19	Tuesday	08-11-2022	Paper - I	Unit - III	Economic Botany: Medicinal Plants
	Wednesday	09-11-2022	Paper - I	Unit - III	Economic Botany: Medicinal Plants
	Thursday	10-11-2022	Paper - II	Unit - IV	Photosynthesis: Introduction
	Friday	11-11-2022	Paper - II	Unit - IV	Photosynthesis: Photosynthetic Apparatus
	Saturday	12-11-2022	Paper - II	Unit - IV	Photosynthesis: Photosynthetic Pigments
	Sunday	13-11-2022	Holiday	Cint 1v	1 hotosynthesis. 1 hotosynthetic 1 iginents
	Monday	14-11-2022	Paper - I	Unit - III	Economic Botany: Medicinal Plants of C.G.
	Tuesday	15-11-2022	Paper - I	Unit - III	Economic Botany: Food Plants
	Wednesday	16-11-2022	Paper - I	Unit - III	Economic Botany: Food Plants
Week 20	Thursday	17-11-2022	Paper - II	Unit - IV	Photosynthesis: Light Reaction Mechanism of ATP Synthesis
WCCR 20	Friday	18-11-2022	Paper - II	Unit - IV	Photosynthesis: Dark Reaction- C3 Pathway
	Saturday	19-11-2022	Paper - II	Unit - IV	Photosynthesis: Dark Reaction- C4 Pathway
	Sunday	20-11-2022	Holiday		Thotosynthosis. Burk Reaction C 1 Tuairray
	Monday	21-11-2022	Paper - I	Unit - III	Economic Botany: Fruit Plants
	Tuesday	22-11-2022	Paper - I	Unit - III	Economic Botany: France Plants
	Wednesday	23-11-2022	Paper - I	Unit - III	Economic Botany: Spices Plants
Week 21	Thursday	24-11-2022	Paper - II	Unit - IV	Photosynthesis: Dark Reaction- CAM Pathway
,,, con 21	Friday	25-11-2022	Paper - II	Unit - IV	Photosynthesis: Photorespiration
	Saturday	26-11-2022	Paper - II	Unit - IV	Photosynthesis: Factor affecting Photosynthesis
	Sunday	27-11-2022	Holiday		
	Monday	28-11-2022	Paper - I	Unit - III	Economic Botany: Beverages Plants
	Tuesday	29-11-2022	Paper - I	Unit - III	Economic Botany: Beverages Plants
	Wednesday	30-11-2022	Paper - I	Unit - III	Economic Botany: Cultivation of Flower Plants
Week 22	Thursday	01-12-2022	Paper - II	Unit - IV	Respiration: Introduction
.,, 6511 22	Friday	02-12-2022	Paper - II	Unit - IV	Respiration: Aerobic and Anaerobic Respiration
	Saturday	03-12-2022	Paper - II	Unit - IV	Respiration: Glycolysis
	Sunday	04-12-2022	Holiday		
	Monday	05-12-2022	Paper - I	Unit - III	Economic Botany: Biodiesel Plants
	Tuesday	06-12-2022	Paper - I	Unit - III	Ethnobotany in Context of Chhattisgarh
	Wednesday	07-12-2022	Paper - I	Unit - III	Invited Expert Lecture on Economic Botany
Week 23	Thursday	08-12-2022	Paper - II	Unit - IV	Respiration: Kreb's Cycle
	Friday	09-12-2022	Paper - II	Unit - IV	Respiration: Factor Affecting Respiration
	Saturday	10-12-2022	Paper - II	Unit - IV	Respiration: R. Q. Analysis
	Sunday	11-12-2022	Holiday		
	Monday	12-12-2022	Paper - I	Unit - III	Quiz -III / Unit Test - III
	Tuesday	13-12-2022	Paper - I	Unit - IV	Plant Anatomy: Shoot Apex Meristem (PPT Presentation)
	Wednesday	14-12-2022	Paper - I	Unit - IV	Plant Anatomy: Root Apex Meristem (PPT Presentation)
Week 24	Thursday	15-12-2022	Paper - II	Unit - IV	Quiz -IV / Unit Test - IV
	Friday	16-12-2022	Paper - II	Unit - V	Plant Growth Hormones: Auxin
	Saturday	17-12-2022	Paper - II	Unit - V	Plant Growth Hormones: Gibberellin
	Sunday	18-12-2022	Holiday	TT 1. TT.7	Discontinuo de la constanta de
W 1.25	Monday	19-12-2022	Paper - I	Unit - IV	Plant Anatomy: Theories of Shoot Apex Organization
	Tuesday	20-12-2022	Paper - I	Unit - IV	Plant Anatomy: Theories of Root Apex Organization
	Wednesday	21-12-2022	Paper - I	Unit - IV	Plant Anatomy: Permanent Tissues
Week 25	Thursday	22-12-2022	Paper - II	Unit - V	Plant Growth Hormones: Cytokinin
	Friday	23-12-2022	Paper - II	Unit - V	Plant Growth Hormones: Ethylene
	Saturday	24-12-2022	Holiday		Winter Vacation
	Sunday	25-12-2022	Holiday Holiday		Winter Vacation Winter Vacation
Week 26	Monday	26-12-2022 27-12-2022	Holiday	Unit IV	Plant Anatomy: Anatomy of Dicot Root
	Tuesday Wednesday	28-12-2022	Paper - I	Unit - IV	Plant Anatomy: Anatomy of Dicot Root Plant Anatomy: Anatomy of Dicot Stem
	Thursday	29-12-2022	Paper II	Unit - IV	Plant Growth Hormones: Abscisic Acid
	Friday	30-12-2022	Paper - II Paper - II	Unit - V Unit - V	Plant Growth Hormones: Abscisic Acid Plant Growth Hormones: Physiology of Flowering
	Saturday	31-12-2022	Paper - II Paper - II	Unit - V	Plant Growth Hormones: Physiology of Flowering Plant Growth Hormones: Florigen concept
	Saturday	01-01-2023	Holiday	Omt - V	1 faire Growth Hormones. Profigen concept
	Monday	02-01-2023	Paper - I	Unit - IV	Plant Anatomy: Anatomy of Dicot Leaf
Week 27	Tuesday	03-01-2023	Paper - I Paper - I	Unit - IV	Plant Anatomy: Anatomy of Monocot Root and Stem
VY CCR 21	Wednesday	04-01-2023	Paper - I	Unit - IV	Plant Anatomy: Anatomy of Monocot Leaf
	11 canesaay	OT 01-2023	1 apc1 - 1	O111t - 1 V	rancing, indicing of Monocot Leaf

	Thursday	05-01-2023	Paper - II	Unit - V	Photoperiodism
	Friday	06-01-2023	Paper - II	Unit - V	Vernalization
	Saturday	07-01-2023	Paper - II	Unit - V	Seed Dormancy
	Sunday	08-01-2023	Holiday		•
	Monday	09-01-2023			One Day Botanical Excursion Tour
	Tuesday	10-01-2023	Paper - I	Unit - IV	Plant Anatomy: Secondary Growth in Root and Stem
	Wednesday	11-01-2023	Paper - I	Unit - IV	Anomalies in the Primary structure of Stem - Nyctanthus
Week 28	Thursday	12-01-2023	Paper - II	Unit - V	Seed Germination
	Friday	13-01-2023	Paper - II	Unit - V	Plant Movement
	Saturday	14-01-2023	Paper - II	Unit - V	Plant Movement
	Sunday	15-01-2023	Holiday		
	Monday	16-01-2023	Paper - I	Unit - IV	Anomalies in the Primary structure of Stem - Boerhaavia
	Tuesday	17-01-2023	Paper - I	Unit - IV	Anomalies in the Primary structure of Stem - Casuarina
	Wednesday	18-01-2023	Paper - I	Unit - IV	Anomalous Secondary Growth in Dracaena, Bignonia & Lept.
Week 29	Thursday	19-01-2023	Paper - II	Unit - V	Unit Test - V/ Quiz- V
	Friday	20-01-2023			Project Work/ Assignment
	Saturday	21-01-2023			Project Work/ Assignment
	Sunday	22-01-2023	Holiday		
	Monday	23-01-2023	Paper - I	Unit - IV	Unit Test - IV / Quiz -IV
	Tuesday	24-01-2023	Paper - I	Unit - V	Embryology: Flower as a Reproductive organ and Anther
	Wednesday	25-01-2023	Paper - I	Unit - V	Embryology: Microsporogenesis
Week 30	Thursday	26-01-2023	Holiday		Republic Day
	Friday	27-01-2023	Paper - I	Unit - V	Embryology: Development of male Gametophyte
	Saturday	28-01-2023	Paper - I	Unit - V	Embryology: Types of Ovules and Structure
	Sunday	29-01-2023	Holiday		
	Monday	30-01-2023	Paper - I	Unit - V	Embryology: Megasporogenesis
	Tuesday	31-01-2023	Paper - I	Unit - V	Embryology: Development of Female Gametophyte
	Wednesday	01-02-2023	Paper - I	Unit - V	Embryology: Pollination and their mechanism
Week 31	Thursday	02-02-2023	Paper - I	Unit - V	Embryology: Self Incompatibility
	Friday	03-02-2023	Paper - I	Unit - V	Embryology: Fertilization
	Saturday	04-02-2023	Paper - I	Unit - V	Embryology: Endosperm
	Sunday	05-02-2023	Holiday		
	Monday	06-02-2023	Paper - I	Unit - V	Embryology: Embryo
	Tuesday	07-02-2023	Paper - I	Unit - V	Embryology: Polyembryony
	Wednesday	08-02-2023	Paper - I	Unit - V	Embryology: Apomixes and Parthenocarpy
Week 32	Thursday	09-02-2023	Paper - I	Unit - V	Unit Test- V/ Quiz- V
	Friday	10-02-2023	Paper - II		Revision Class/ Problem Discussion
	Saturday	11-02-2023	Paper - II		Revision Class/ Problem Discussion
	Sunday	12-02-2023	Holiday		
	Monday	13-02-2023	Paper - I		Revision Class/ Problem Discussion
	Tuesday	14-02-2023	Paper - I		Revision Class/ Problem Discussion
*** 1 00	Wednesday	15-02-2023	Paper - I		Revision Class/ Problem Discussion
Week 33	Thursday	16-02-2023	Paper - II		Revision Class/ Problem Discussion
	Friday	17-02-2023	Paper - II		Revision Class/ Problem Discussion
	Saturday	18-02-2023	Paper - II		Revision Class/ Problem Discussion
	Sunday	19-02-2023	Holiday		Preparation Leave
Week 34	Monday	20-02-2023			Preparation Leave
	Tuesday	21-02-2023			Preparation Leave
	Wednesday	22-02-2023			Preparation Leave
	Thursday	23-02-2023			Preparation Leave
	Friday	24-02-2023			Preparation Leave
	Saturday	25-02-2023	TT . 1* 1		Preparation Leave
	Sunday	26-02-2023	Holiday		Preparation Leave
W 1 25	Monday	27-02-2023			Preparation Leave
Week 35	Tuesday	28-02-2023			National Science Day Celebration
	Wednesday	01-03-2023			Annual Examination Start

Note: If classes are suspended for any type of activities for example College Annual Function, Internal Examination, Local Holidays declare by Local Administration etc. that classes will conduct in next successive days.