

Revised Lesson Plan of Botany for the session 2024-25

Name of Teacher: Sadhana Yadav

Class : B.Sc.3rd

Paper : Plant Physiology

Date	Topic
22-07-2024	Plant water relation
23-07-2024	Absorption of Water
29-07-2024	Test
30-07-2024	Translocation of Water
05-08-2024	Transpiration
06-08-2024	Factors affecting Transpiration
09-08-2024	Test
10-08-2024	Mineral requirement in Plants
16-08-2024	Role of minerals
17-08-2024	Importance of minerals
23-08-2024	Test
24-08-2024	Uptake of Mineral Nutrients
30-08-2024	Translocation
31-08-2024	Test and assignment
06-09-2024	Photosynthesis 1
07-09-2024	Photosynthesis 2
13-09-2024	Photosynthesis 3
14-09-2024	Test
20-09-2024	Sheedi Diwas
21-09-2024	Seed germination and Dormancy
27-09-2024	Senescence and fruit ripening
28-09-2024	Test and assignment
04-10-2024	Physiology of Flowering
05-10-2024	Plant movements
11-10-2024	Plant Hormone introduction
12-10-2024	Holiday
18-10-2024	Auxin
19-10-2024	Role of Auxin
25-10-2024	Gibberellin
26-10-2024	Role of Gibberellin
27-10-24 to 03-11-24	Diwali vacations

08-11-2024	Ethylene
09-11-2024	Cytokinin
15-11-2024	Holiday
16-11-2024	ABA
22-11-2024	Test and Revision
23-11-2024	Test and Revision

Revised Lesson Plan of Botany for the session 2024-25

Name of Teacher: Sadhana Yadav

Class : B.Sc. 2nd

Paper : Plant Anatomy and Gymnosperms

Date	Topic
-07-2024	Diversity of Plant Forms
24-07-2024	Plant Tissue
30-07-2024	Shoot system & secondary growth
31-07-2024	Saheed uddamsingh saheedi diwas
06-08-2024	Test
07-08-2024	Anamalous secondary growth in Boehraavia,Dracena,Achyranthes
08-08-2024	Leaf
09-08-2024	Root
15-08-2024	Independent Day
16-08-2024	General characters of gymnosperms
22-08-2024	Geological Time Scale
23-08-2024	Test
29-08-2024	Classification of Gymnosperms
30-08-2024	Fossil and Fossilization
05-09-2024	Lygnopteris
06-09-2024	Williamsonia
12-09-2024	Cycadeoideae
13-09-2024	Test and assignment
19-09-2024	Cycas vegetative structue
20-09-2024	Cycas Reproductive structure
26-09-2024	Test
27-09-2024	Pinus vegetative Structure
03-10-2024	Holiday
04-10-2024	Pinus Reproductive Structure
10-10-2024	Test
11-10-2024	Ephedra vegetative Structure
17-10-2024	Holiday
18-10-2024	Ephedra reproduction
24-10-2024	General characters of Angiosperms
25-10-2024	Origin and evolution of Angiosperms

07-11-2024	Revision
08-11-2024	Test and Revision
14-11-2024	Test and Revision
15-11-2024	Holiday
21-11-2024	Test and Revision
22-11-2024	Test and Revision

Lesson Plan of Botany for the Session 2024-25

Name of Teacher : Sadhana Yadav

Class : BSC 1st

Paper : Botany (Microbial World and Thallophyte)

Week	Date	Topic Name
1	25-07-2024	Introduction and discovery of Microbial Diversity
	26-07-2024	Structure of Eukaryotic cell and Prokaryotic cell, General account of photosynthetic Protist
	27-07-2024	Bacteria ,Structure ,types, gram+ve and gram -ve
2	1-08-2024	Bacteria :Nutrition, Reproduction and economic importance
	2-08-2024	Cyanobacteria
	3-08-2024	Test and assignment
3	12-08-2024	Virus general account Structure and reproduction of TMV, CMV and Bacteriophage
	13-08-2024	Algae ;General characteristics and classification up to class level.
	14-08-2024	Economic importance of Algae
4	15-08-2024	Independence Day
	19-08-2024	Raksha Bandhan
	20-08-2024	Volvox
5	21-08-2024	Oedogonium Macrandrous
	26-08-2024	Janmashtmi
	27-08-2024	Oedogonium Nannandrous

6	28-08-2024	Vaucheria
	02-09-2024	Ectocarpous
	03-09-2024	Test
7	05-09-2024	Polysiphonia
	04-09-2024	Test and Assignment
	09-09-2024	Bryophyta : General characters and classification
8	10-09-2024	Ecological importance of Bryophytes
	11-09-2024	Marchantia gametophyte
	16-09-2024	Marchantia Sporophyte
9	17-09-2024	Test
	18-09-2024	Anthoceros Gametophyte
	23-09-2024	Holiday
10	24-09-2024	Funaria Gametophyte
	25-09-2024	Funaria Sporophyte
	30-09-2024	Test
11	01-10-2024	General characteristics of Fungi
	02-10-2024	Holiday
	07-10-2024	Classification and economic importance of Fungi
12	08-10-2024	Albugo
	09-10-2024	Test
	14-10-2024	Assignment
13	15-10-2024	Mucor
	16-10-2024	Penicillium
	21-10-2024	Importance of Penicillium
14	22-10-2024	Test
	23-10-2024	Puccinia formation of uredospore
	28-10-2024	Puccinia formation of

		aceiospore
15	27-10-2024 to 03-11-2024	Vacations(Diwali)
16	04-11-2024	Test and assignment
	05-11-2024	Agaricus
	06-11-2024	Colletotrichum
17	11-11-2024	Lichens General account
	12-11-2024	Structure and types
	13-11-2024	Ecological and economic importance of Lichens
18	18-11-2024	Revision
	19-11-2024	Revision
	20-11-2024	Revision