

Govt. P.G. College, Safidon (Jind) - 126112

Session: 2023-2024 (Odd Semester)

Signature

Lesson Plan

Name of Teacher: *Mrs. Jyoti Kumari* Subject: *Botany*

Class: *B.Sc. I (Ext Sem)*

Sr.No.	Week	Date	Topic
1	1st	24 July - 01 Aug	Bacteria, Virus, Algae Gen. classification, Economic Imp.
2	2nd	02 Aug - 09 Aug	Monoc, Volvox - Life history
3	3rd	10 Aug - 17 Aug	Vaucheria, Ectocarpus, Polysiphonia
4	4th	18 Aug - 25 Aug	Fungi - Gen. characters classification and Economic Importance
5	5th	26 Aug - 3 Sept	Phytophthora, Penicillium, Puccinia & Coleotrichum
6	6th	04 Sept - 11 Sept	Lichens, Bryophyta - Gen. characters, Classification and Alternation of generation
7	7th	12 Sept - 19 Sept	Marchantia, Anthoceros, Farnaria
8	8th	20 Sept - 27 Sept	Pteridophyta - Gen. characters Classification and Alternation of Generation - Rhynia,
9	9th	28 Sept - 05 Oct	Salaginella, Equisetum,
10	10th	06 Oct - 13 Oct	Pteris, General characters of
11	11th	14 Oct - 21 Oct	Gymnosperms - and classification
12	12th	22 Oct - 30 Oct	Type studies of Cycas
13	13th	02 Nov - 09 Nov	Type study of Pinus
14	14th	14 Nov - 21 Nov	Type study of Ephedra
15	15th	22 Nov - 30 Nov	Revision and Questions Practice
16	16th	29 Nov - 03 Dec	class Test and Revision

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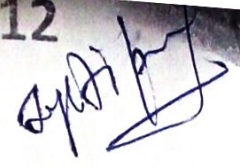
Lesson Plan

Name of Teacher: Mrs. Jyoti Kanwal Subject: Botany

Class: B.Sc. II (1st sem)

Sr.No.	Week	Date	Paper I Topic	Paper II
1	1st	24 July - 01 Aug	General characteristics of gymnosperms	Diversity in plant forms
2	2nd	02 Aug - 09 Aug	Diversity of gymnosperms	Tissues
3	3rd	10 Aug - 17 Aug	Geological timescale	Tissue system
4	4th	18 Aug - 25 Aug	Fossils & Fossilization	The shoot system
5	5th	26 Aug - 3 Sept	The fossil gymnosperm plants	Cambial development
6	6th	04 Sept - 11 Sept	Cycas	+ Epidermis
7	7th	12 Sept - 19 Sept	Pinus	+ Leaf
8	8th	20 Sept - 27 Sept	Ephedra	+ Types of Leaf morphology
9	9th	28 Sept - 05 Oct	General Characters of Angiosperms	+ Anatomy of storkate
10	10th	06 Oct - 13 Oct	Class test primitive Angiosperms	+ RAM histology
11	11th	14 Oct - 21 Oct	Cycas Life history	+ RAM organization
12	12th	22 Oct - 30 Oct	Pinus Life history	+ F.S. monocot roots
13	13th	02 Nov - 09 Nov	Ephedra life history	+ T.S. Dicot roots
14	14th	14 Nov - 21 Nov	Revision + Doubts	+ structural/modifi
15	15th	22 Nov - 30 Nov	Class tests	+ Cation in Roots
16	16th	29 Nov - 03 Dec	class tests	+ Class Tests

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Lesson Plan

Name of Teacher:.....*Ms. Jyoti Kanwal*

Subject: *Botany*
Plant Physiology + Ecology

Class... *B.sc. III (viii) sem*

Sr. No.	Week	Date	Topic
1	1st	24 July - 01 Aug	Plant water relation, mineral nutrition + Introduction to ecology
2	2nd	02 Aug - 09 Aug	Transport of organic substances + Environment
3	3rd	10 Aug - 17 Aug	Photosynthesis I - + Population ecology
4	4th	18 Aug - 25 Aug	Light rxn C_3, C_4, C_2 + Class Test I
5	5th	26 Aug - 3 Sept	Photosynthesis II + Community Ecology
6	6th	04 Sept - 11 Sept	Respiration I + Ecosystem
7	7th	12 Sept - 19 Sept	Respiration II + Biogeochemical cycles
8	8th	20 Sept - 27 Sept	Seed Dormancy + Environmental pollution
9	9th	28 Sept - 05 Oct	Florigen, fruit ripening + Global changes
10	10th	06 Oct - 13 Oct	Senescence, Photoperiodism + GH. Effect
11	11th	14 Oct - 21 Oct	Phototropism, geotropism + Global warming
12	12th	22 Oct - 30 Oct	Growth and Development + Carbon Trade
13	13th	02 Nov - 09 Nov	Levels of and organization
14	14th	14 Nov - 21 Nov	Abiotic and biotic factors and effects on ecosystem
15	15th	22 Nov - 30 Nov	Adaptations - xerophytes, hydrophytes, mesophytes
16	16th	29 Nov - 03 Dec	Revision + Class Test

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