

SARASWATI MAHILA MAHAVIDHYALAYA, PALWAL

LESSON-PLAN

Class: B.Sc. (IIIrd sem)
Subject: Botany (IInd Paper)

Semester: ODD/EVEN
Session: 2020-21

Lecture Number	Topic
1.	Tissue - mesistematic tissue
2-	Permanent tissue - Simple permanent tissue
3-	Complex permanent tissue - Xylem
4.	Phloem
5	Secretory tissues
6	Tissue system - Epidermal tissue system
7	Ground tissue system
8	Vascular tissue system
9	Mechanical tissue system
10	Vascular cambium - origin, str., Activity
11	Periderm
12.	Root - General characters, Parts of typical root
13.	Apical meristem of root, Theories of Root apical meristem
14	Primary str. of Root and Examples.
15	Secondary growth in Roots with examples
16	Secondary growth in Storage Roots with examples
17.	Shoot system - characteristics, functions of stem branching of stem.

Signature:

Preeti Chaudhary

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Lecture Number	Topic
18.	Shoot apical meristem, Theories Regarding - organization of shoot / apical meristem
19.	Root - stem transition, Primary str. of stem
20-	Primary str. of Dicot stem, monocot stem
21	Diff. b/w monocot & dicot stem. Anamalous primary str. in monocot stem
22	Anamalous primary str. in Dicot stems.
23	secondary Growth in stem
24	secondary Growth in stem
25	Anamalous secondary growth. in monocot stem
26	Anamalous Secondary growth in Boerhaavia
27.	Anamalous secondary growth in Dracaena Achromantes.
28	Leaf - Characteristics & Parts of leaf
29	Phyllotaxy -
30	Venation
31	Simple and compound leaves
32	Functions of leaf, Importance of Studying Leaf morphology
33.	Internal organization of monocot and dicot leaf
33.	Leaf anatomy of Xerophytes, Halophytes

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Lecture Number	Topic
34	Leaf Abscission (Leaf fall)
35	Sap wood and Heart wood
36	Epidermis - Uniseriate and multi-seriate
37	Epidermal Appendages and their morphological types.

Signature:

Preethi Chandhary