

Lesson Plan

Name of the Assistant/ Associate Professor. Sanu.....

Class and Section: B.Sc. Trayer. (Section-II).....

Subject: Plant Embryology And Diversity of Seed Plant. (Botany)

Week	Date	Topics
1	1-Jan-18	Taxonomy And Systematics: Explanation of Some Terms
	2-Jan-18	Fundamental Components of taxonomy (Scientific
	3-Jan-18	Classification, Nomenclature
	4-Jan-18	Flower - a modified shoot
	5-Jan-18	microsporangium, Its wall
	6-Jan-18	Microsporangium Dehiscence Mechanism.
	7-Jan-18	Sunday
2	8-Jan-18	Introduction of Modern Trends in plant Taxonomy
	9-Jan-18	Role of chemotaxonomy in Relation to taxonomy.
	10-Jan-18	Role of cytotoxicity in Relation to taxonomy
	11-Jan-18	Microsporogenesis
	12-Jan-18	pollen grains and its structure (pollen wall).
	13-Jan-18	Test of structure and Dehiscence mechanism of Micro
	14-Jan-18	Sunday
3	15-Jan-18	Role of taxometrics in Relation to taxonomy.
	16-Jan-18	Botanical Nomenclature's General Introduction.
	17-Jan-18	Binomial Nomenclature.
	18-Jan-18	pollen germination (microgametogenesis)
	19-Jan-18	Male gametophyte
	20-Jan-18	pollen - pistil Interaction.
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Test of Unit - I.
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Self Incompatibility
	26-Jan-18	Republic Day
	27-Jan-18	Introduction of pollination (Self and cross pollination)
	28-Jan-18	Sunday
5	29-Jan-18	Principles
	30-Jan-18	Rules
	31-Jan-18	principles of priority.

Lesson Plan

Name of the Assistant/ Associate Professor.....Sonu.....

Class and Section:.....B.Sc. IInd year.....

Subject:.....Plant Embryology And Diversity of Seed Plant (Botany).....

Week	Date	Topics
1	1-Feb-18	Test of pollen germination, male gametophyte.
	2-Feb-18	Introduction of pollination (Self and cross pollination)
	3-Feb-18	Cross pollination types: Anemophily, Hydrophily.
	4-Feb-18	Sunday
2	5-Feb-18	Keys to identification of plants
	6-Feb-18	To solve the queries of the students from Unit-1
	7-Feb-18	Test of Unit-1.
	8-Feb-18	Cross pollination type - Entomophily
	9-Feb-18	Cross pollination type: Hydrophily, Anemophily, Rixis
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Type concept.
	13-Feb-18	Maha Shivratri
	14-Feb-18	Taxonomic ranks.
	15-Feb-18	Cross pollination types: Ornithophily, chiropterophily
	16-Feb-18	Advantage and Disadvantage of pollination.
	17-Feb-18	Structure of Megasporangium (ovule)
	18-Feb-18	Sunday
	4	19-Feb-18
20-Feb-18		Silent features of the System of classification
21-Feb-18		of angiosperms by Bentham & Hooker.
22-Feb-18		Types of ovule and its curvature.
23-Feb-18		Megasporogenesis.
24-Feb-18		Test of ovule and its structure.
25-Feb-18		Sunday
5		26-Feb-18
	27-Feb-18	Silent features of the System of classification
	28-Feb-18	of angiosperms by Engler and Prantl.

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Name of the Assistant/ Associate Professor... Janu.....

Class and Section:..... B.Sc. II year.....

Subject:..... Plant Embryology And Diversity of seed plant (Botany)

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Megagametogenesis: Introduction.
	4-Mar-18	Sunday
2	5-Mar-18	Test of Engler and Prantl classification of Angiosperms
	6-Mar-18	Merit and Demerits of classification of Angiosperms
	7-Mar-18	Floral Terms.
	8-Mar-18	Female gametophyte (monosporic, Bisporic)
	9-Mar-18	Female gametophyte Tetrasporic
	10-Mar-18	Introduction of Fertilization.
	11-Mar-18	Sunday
3	12-Mar-18	Remaining floral Terms
	13-Mar-18	Types of Inflorescence.
	14-Mar-18	Introduction of Diversity of flowering plants.
	15-Mar-18	Test of female gametophyte (Mono-, Bi-, Tetrasporic)
	16-Mar-18	Introduction of fertilization.
	17-Mar-18	Double fertilization.
	18-Mar-18	Sunday
	4	19-Mar-18
20-Mar-18		Diagnostic features and economic importance of Brassicaceae.
21-Mar-18		Diagnostic features and economic importance of Malvaceae
22-Mar-18		Test of Double fertilization.
23-Mar-18		Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
24-Mar-18		Endosperm Types: And Its Biological Importance.
25-Mar-18		Sunday/ Ram Navami
5		26-Mar-18
	27-Mar-18	Diagnostic features and economic importance of Euphorbiaceae
	28-Mar-18	Diagnostic features and economic importance of Rutaceae.
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Embryogenesis in Dicot
	31-Mar-18	Embryogenesis in Monocot.

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Name of the Assistant/ Associate Professor... Sonu.....

Class and Section:..... B.Sc. IInd year.....

Subject:..... plant Embryology And Diversity of Seed plant (Botany).....

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Diagnostic features And Economic Importance of Fabaceae
	3-Apr-18	Diagnostic features And Economic Importance of Cucurbitaceae
	4-Apr-18	Diagnostic features And Economic Importance of Apiaceae
	5-Apr-18	polyembryony
	6-Apr-18	Fruit Types
	7-Apr-18	Test of polyembryony and fruit types.
	8-Apr-18	Sunday
2	9-Apr-18	Test of Fabaceae, Cucurbitaceae, Apiaceae Family
	10-Apr-18	Diagnostic features And Economic Importance of Asclepiadaceae
	11-Apr-18	Diagnostic features And Economic Importance of Lamiaceae
	12-Apr-18	Structure of Dicot Seed
	13-Apr-18	Structure of Monocot Seed
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Test of Asclepiadaceae, Lamiaceae.
	17-Apr-18	Diagnostic features and Economic Importance of Solanaceae.
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Dispersal mechanism in fruits and seeds.
	20-Apr-18	To solve the queries from all syllabus.
	21-Apr-18	Test of Structure of Seeds.
	22-Apr-18	Sunday
4	23-Apr-18	Diagnostic features and economic Importance of Astraceae
	24-Apr-18	Diagnostic feat. and Economic Imp. of Liliaceae
	25-Apr-18	Test of whole syllabus of Biology And Diversity of Seed plant
	26-Apr-18	Test of Dispersal mechanism of fruits.
	27-Apr-18	To solve the queries from all syllabus.
	28-Apr-18	Test of whole syllabus of plant Embryology.