

Lesson Plan

Name of the Assistant/ Associate Professor: Ms. Nisha Saini & Mrs. POOJA GOYAL

Class and Section: B.Sc. I (Section I & II)

Subject: Botany

Week	Date	Topics
1	1-Jan-18	General Characters of Bryophytes
	2-Jan-18	Reproduction in Bryophytes
	3-Jan-18	Alternation of Generation in Bryophytes
	4-Jan-18	Classification of Bryophytes
	5-Jan-18	Test of General Characters of Bryophytes.
	6-Jan-18	Marchantia : Veg. Str.
	7-Jan-18	Sunday
2	8-Jan-18	Asexual Reproduction in Marchantia
	9-Jan-18	Sexual Reproduction in Marchantia
	10-Jan-18	Development of Young sporophyte in Marchantia
	11-Jan-18	Alternation of Generation in Marchantia
	12-Jan-18	Test (Marchantia)
	13-Jan-18	Anthoceros : Veg. Str.
	14-Jan-18	Sunday
3	15-Jan-18	Asexual Reproduction in Anthoceros
	16-Jan-18	Sexual Reproduction in Anthoceros
	17-Jan-18	Development of Sporophyte in Anthoceros
	18-Jan-18	Development of Young Gametophyte in Anthoceros
	19-Jan-18	Alternation of Generation in Anthoceros
	20-Jan-18	General topics in Anthoceros - Nature of Sporophyte
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Evolutionary Tendencies Exhibited by Anthoceros
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Funaria : Veg. Str.
	26-Jan-18	Republic Day
	27-Jan-18	Reproduction in Funaria
	28-Jan-18	Sunday
5	29-Jan-18	Development of Sporophyte in Funaria.
	30-Jan-18	Test (Anthoceros & Funaria)
	31-Jan-18	Assignment topics given on Bryophytes

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Week	Date	Topics
1	1-Feb-18	Evolution of sporophytes in Bryophytes
	2-Feb-18	Economic Importance of Bryophytes.
	3-Feb-18	General Characters of Pteridophytes
	4-Feb-18	Sunday
2	5-Feb-18	Alternation of Generation in Pteridophytes
	6-Feb-18	Classification of Pteridophytes
	7-Feb-18	Rhynia : Str. and Reproduction
	8-Feb-18	Revision & Assignment topics given on general topics of Pteridophytes
	9-Feb-18	Selaginella : Structure
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Reproduction in Selaginella
	13-Feb-18	Maha Shivratri
	14-Feb-18	Development of Gametophyte in Selaginella
	15-Feb-18	Development of Young sporophyte in Selaginella
	16-Feb-18	Equisetum : External Structure
	17-Feb-18	Equisetum : Internal Structure
	18-Feb-18	Sunday
4	19-Feb-18	Vegetative Reproduction
	20-Feb-18	Sexual Reproduction in Equisetum
	21-Feb-18	Fertilization and Economic Importance in Equisetum
	22-Feb-18	Pteris : Structure
	23-Feb-18	Vegetative Reproduction in Pteris
	24-Feb-18	Sexual Reproduction in Pteris
	25-Feb-18	Sunday
5	26-Feb-18	Origin and Evolution of Pteridophytes
	27-Feb-18	General Account of Stellar Evolution
	28-Feb-18	Heterospory, Apospory, Apogamy

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Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Revisions & Assignment topics given of Paper I
	4-Mar-18	Sunday
2	5-Mar-18	DNA : The Genetic Material
	6-Mar-18	Chemical Composition of DNA
	7-Mar-18	Various models of DNA
	8-Mar-18	Replication of DNA
	9-Mar-18	DNA - Protein Interaction
	10-Mar-18	Nucleosome model
	11-Mar-18	Sunday
3	12-Mar-18	Genetic code
	13-Mar-18	Satellite and Repetitive DNA
	14-Mar-18	Test of DNA Str. and Replication.
	15-Mar-18	Mendelism : Introduction
	16-Mar-18	Monohybrid and Dihybrid Cross
	17-Mar-18	Law of Segregation
	18-Mar-18	Sunday
	4	19-Mar-18
20-Mar-18		Linkage Analysis
21-Mar-18		Allelic Interactions
22-Mar-18		Non-allelic Interactions
23-Mar-18		Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
24-Mar-18		Revision & Assignment given on Mendelism.
25-Mar-18		Sunday/ Ram Navami
5		26-Mar-18
	27-Mar-18	Presence and function of mitochondrial DNA
	28-Mar-18	Presence and function of Plastid DNA
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Plasmids
	31-Mar-18	Spontaneous Mutation

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Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Induced Mutation
	3-Apr-18	Transposable Genetic Elements
	4-Apr-18	DNA damage and Repair
	5-Apr-18	Modern Concept of Gene
	6-Apr-18	RNA
	7-Apr-18	Ribosome
	8-Apr-18	Sunday
2	9-Apr-18	Transcription
	10-Apr-18	Translation
	11-Apr-18	Revision of Transcription & Translation
	12-Apr-18	Structure of Protein
	13-Apr-18	Regulation of Gene Expression in Prokaryotes
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Test of Protein Str.
	17-Apr-18	Regulation of Gene Expression in Eukaryotes
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Revision of Unit I & II & Assignment given.
	20-Apr-18	Test of Unit I (Diversity of Archeogonates)
	21-Apr-18	Test of Unit II (Diversity of Archeogonates)
	22-Apr-18	Sunday
4	23-Apr-18	Test of Unit III (Diversity of Archeogonates)
	24-Apr-18	Test of Unit IV (Diversity of Archeogonates)
	25-Apr-18	Test of Unit I (Genetics)
	26-Apr-18	Test of Unit II (Genetics)
	27-Apr-18	Test of Unit III (Genetics)
	28-Apr-18	Test of Unit IV (Genetics)