

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : : Dr.sheel singh

Class & Section: B.sc III year(vi sem)gr.a,b,c

Subject: botany practical

	Date	Topics to be covered
Week 1	01.01.2019	<i>General introduction and syllabus of practical for group A</i>
	02.01.2019	To perform an experiment for group B Determination of peroxidase activity
	03.01.2019	do-group B
	04.01.2019	do-group C
	05.01.2019	do-group C
	06.01.2019	Sunday
	07.01.2019	Demonstration of Aerobic respiration Students to perform this expt. group A
Week 2	08.01.2019	Demonstration of Aerobic respiration Students to perform this expt. group A
	09.01.2019	Demonstration of Aerobic respiration Students to perform this expt. group B
	10.01.2019	Demonstration of Aerobic respiration Students to perform this expt. group B
	11.01.2019	Demonstration of Aerobic respiration Students to perform this expt. group C
	12.01.2019	Demonstration of Aerobic respiration Students to perform this expt. group C
	13.01.2019	sunday
	14.01.2019	To demonstrate an experiment to show an aerobic respiration group A
Week 3	15.01.2019	To demonstrate an experiment to show an aerobic

		respiration group A
	16.01.2019	To demonstrate an experiment to show an aerobic respiration group B
	17.01.2019	To demonstrate an experiment to show an aerobic respiration group B
	18.01.2019	To demonstrate an experiment to show an aerobic respiration group C
	19.01.2019	To demonstrate an experiment to show an aerobic respiration group C
	20.01.2019	Sunday
	21.01.2019	To perform an experiment to show that heat is evolved during respiration
Week 4	22.01.2019	To perform an experiment to show that heat is evolved during respiration group A
	23.01.2019	To perform an experiment to show that heat is evolved during respiration group B
	24.01.2019	To perform an experiment to show that heat is evolved during respiration group B
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	To perform simple test for detection of carbohydrates(monosaec,disaccorides and starch)group-A
Week 5	29.01.2019	To perform simple test for detection of carbohydrates(monosaec,disaccorides and starch)group-A
	30.01.2019	To perform simple test for detection of carbohydrates(monosaec,disaccorides and starch)group-B
	31.01.2019	To perform simple test for detection of carbohydrates(monosaec,disaccorides and starch)group-B
	01.02.2019	“ group-c

	02.02.2019	<i>To perform an experiment to show that heat is evolved during respiration</i>
	03.02.2019	Sunday
	04.02.2019	<i>To perform an experiment for detection of proteins and fats</i>
Week 6	05.02.2019	--do—group-A
	06.02.2019	--do—group-B
	07.02.2019	--do-- group-B
	08.02.2019	--do-- group-C
	09.02.2019	--do—group-C
	10.02.2019	Sunday
	11.02.2019	To study plants part of rice,wheat,maize from their economic importance pt. of view group-A
Week 7	12.02.2019	--do—group-A
	13.02.2019	--do—group-B
	14.02.2019	--do-- group-B
	15.02.2019	--do-- group-C
	16.02.2019	--do—group-C
	17.02.2019	Sunday
	18.02.2019	To study pulses their parts from their economic importance pt. of view group-A
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	--do—group-B
	21.02.2019	--do-- group-B
	22.02.2019	--do-- group-C
	23.02.2019	--do—group-C
	24.02.2019	Sunday
	25.02.2019	To study vegetables potato,tomato and onion group-A

Week 9	26.02.2019	--do—group-A
	27.02.2019	--do—group-B
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	--do-- group-C
	02.03.2019	--do—group-C
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	To study fibres and oils from their anatomical,morphological and economic importance pt. of view group-A
	06.03.2019	--do—group-B
	07.03.2019	--do-- group-B
	08.03.2019	--do-- group-C
	09.03.2019	--do—group-C
	10.03.2019	Sunday
	11.03.2019	Morphological of part uses of spices and medical plants group-A
Week 11	12.03.2019	--do—group-A
	13.03.2019	--do—group-B
	14.03.2019	--do-- group-B
	15.03.2019	--do-- group-C
	16.03.2019	--do—group-C
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	To study Morphologicalstructured aspect and uses of tea ,coffee and rubber group-A
	26.03.2019	--do—group-A
	27.03.2019	--do—group-B

	28.03.2019	--do-- group-B
	29.03.2019	--do-- group-C
	30.03.2019	--do—group-C
	31.03.2019	Sunday
Week 13	01.04.2019	Economic importance and structure of sugarcane group-A
	02.04.2019	--do—group-A
	03.04.2019	--do—group-B
	04.04.2019	--do-- group-B
	05.04.2019	--do-- group-C
	06.04.2019	--do—group-C
	07.04.2019	Sunday
Week 14	08.04.2019	Economic importance,morphology and structure of sugarcane,to prepare tissue culture medium group-A
	09.04.2019	--do—group-A
	10.04.2019	--do—group-B
	11.04.2019	--do-- group-B
	12.04.2019	--do-- group-C
	13.04.2019	--do—group-C
	14.04.2019	Sunday
Week 15	15.04.2019	To study sterilization,techniques,demonstration of anther culture group-A
	16.04.2019	--do—group-A
	17.04.2019	Mahaveer Jayanti
	18.04.2019	--do-- group-B
	19.04.2019	--do-- group-C
	20.04.2019	--do—group-C
	21.04.2019	Sunday

Week 16	22.04.2019	Experiment on callus formation +revision +mock test group-A
	23.04.2019	--do—group-A
	24.04.2019	--do—group-B
	25.04.2019	--do-- group-B
	26.04.2019	--do-- group-C
	27.04.2019	--do—group-C
	28.04.2019	Sunday
Week 17	29.04.2019	Revision/Test
	30.04.2019	Revision/Test

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name Of Asst/Associate Professor : Dr.Sheel Singh

Class & Section: B.Sc III Year(Vi Sem)Gr.A,B,C

Subject: Biochemistry and Plant Biotechnology

	Date	Topics to be covered
Week 1	01.01.2019	Basics of Enzymology, definition and general aspect
	02.01.2019	Discovery and nomenclature; characteristics
	03.01.2019	
	04.01.2019	
	05.01.2019	
	06.01.2019	Sunday
	07.01.2019	Mechanism of Enzymes
Week 2	08.01.2019	<i>Types of Enzymes, regulation of its activity</i>
	09.01.2019	Test and revision of Enzymes
	10.01.2019	
	11.01.2019	
	12.01.2019	
	13.01.2019	sunday
	14.01.2019	Introduction to respiration, RQ value
Week 3	15.01.2019	<i>Respiratory substrates, aerobic and anaerobic respiration</i>
	16.01.2019	Fermentation, mechanism of <i>anaerobic respiration, emp pathway</i>
	17.01.2019	
	18.01.2019	

	19.01.2019	
	20.01.2019	Sunday
	21.01.2019	Mechanism of <i>aerobic respiration</i> , Krebs cycle
Week 4	22.01.2019	Electron transport mechanism (chemiosmotic theory)
	23.01.2019	Oxidative phosphorylation ; pentose phosphate pathway.
	24.01.2019	
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	<i>Test and revision Respiration</i>
Week 5	29.01.2019	ATP(energy coupling in respiration)
	30.01.2019	Structure and functions of ATP
	31.01.2019	
	01.02.2019	
	02.02.2019	
	03.02.2019	Sunday
	04.02.2019	<i>Factors affecting rate of respiration</i>
Week 6	05.02.2019	Alternating pathway of glucose breakdown
	06.02.2019	<i>PPP(pantase phosphate pathways & its significance</i>
	07.02.2019	
	08.02.2019	
	09.02.2019	
	10.02.2019	Sunday
	11.02.2019	Doubts and seminar on Respiration
Week 7	12.02.2019	<i>Ppt on Respiration</i>

	13.02.2019	Test on Respiration (total unit ii)
	14.02.2019	
	15.02.2019	
	16.02.2019	
	17.02.2019	Sunday
	18.02.2019	Structure and functions of lipids
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	Structure of fats and fatty acid etc.
	21.02.2019	
	22.02.2019	
	23.02.2019	
	24.02.2019	Sunday
	25.02.2019	fatty acid biosynthesis
Week 9	26.02.2019	Alpha and β oxidation; saturated and unsaturated fatty acid
	27.02.2019	storage and mobilization of fatty acids
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	
	02.03.2019	
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	Nitrogen ,its metabolism,basic idea
	06.03.2019	Biology of nitrogen fixation;
	07.03.2019	
	08.03.2019	
	09.03.2019	
	10.03.2019	Sunday

	11.03.2019	Test of lipid metabolism
Week 11	12.03.2019	Importance of nitrate reductase
	13.03.2019	Importance of nitrogen metabolic pathway
	14.03.2019	
	15.03.2019	
	16.03.2019	
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
	Week 12	25.03.2019
26.03.2019		Test of nitrogen and fat metabolism
27.03.2019		Visit to biodiversity park /industrial visit
28.03.2019		
29.03.2019		
30.03.2019		
31.03.2019		Sunday
Week 13	01.04.2019	Discussion and report of the visit
	02.04.2019	DNA,its structure ,function and importance
	03.04.2019	Introduction to tools &techniques of DNA
	04.04.2019	
	05.04.2019	
	06.04.2019	
	07.04.2019	Sunday
Week 14	08.04.2019	Techniques of recombinant DNA technology
	09.04.2019	cloning vectors
	10.04.2019	genomic and cDNA library;

	11.04.2019	
	12.04.2019	
	13.04.2019	
	14.04.2019	Sunday
Week 15	15.04.2019	Transposable elements
	16.04.2019	plant tissue culture ,its applications
	17.04.2019	Mahaveer Jayanti
	18.04.2019	
	19.04.2019	
	20.04.2019	
	21.04.2019	Sunday
Week 16	22.04.2019	Revision of recombinant DNA technology
	23.04.2019	Test
	24.04.2019	Differentiation and morphogenesis; biology of Agrobacterium
	25.04.2019	
	26.04.2019	
	27.04.2019	
	28.04.2019	Sunday
	Week 17	29.04.2019
30.04.2019		Test and revision on the topics covered

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor: Dr. Kshipra Kapil
Class & Section: B. Sc. Pass (Medical) 2nd Sem Sec A
Subject: Botany I

	Date	Topics to be covered
Week 1	01.01.2019	Bryophyta-General characters
	02.01.2019	Bryophyta-General characters
	03.01.2019	-
	04.01.2019	-
	05.01.2019	-
	06.01.2019	Sunday
	07.01.2019	Bryophyta-General characters
Week 2	08.01.2019	Bryophyta- classification (upto classes)
	09.01.2019	Bryophyta- classification (upto classes),
	10.01.2019	-
	11.01.2019	-
	12.01.2019	-
	13.01.2019	Sunday
	14.01.2019	Alternation of generations
Week 3	15.01.2019	Evolution of sporophytes
	16.01.2019	Evolution of sporophytes
	17.01.2019	-
	18.01.2019	-
	19.01.2019	-
	20.01.2019	Sunday
	21.01.2019	Economic importance
Week 4	22.01.2019	Assignment on General characters and classification
	23.01.2019	Test: unit I
	24.01.2019	-
	25.01.2019	Sir Chottu Ram Jayanti

	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	Structure and reproduction: <i>Marchantia</i>
Week 5	29.01.2019	Structure and reproduction: <i>Marchantia</i>
	30.01.2019	Structure and reproduction: <i>Marchantia</i>
	31.01.2019	-
	01.02.2019	-
	02.02.2019	-
	03.02.2019	Sunday
	04.02.2019	Structure and reproduction: <i>Marchantia</i>
Week 6	05.02.2019	Structure and reproduction: <i>Anthoceros</i>
	06.02.2019	Structure and reproduction: <i>Anthoceros</i>
	07.02.2019	-
	08.02.2019	-
	09.02.2019	-
	10.02.2019	Sunday
	11.02.2019	Structure and reproduction: <i>Anthoceros</i>
Week 7	12.02.2019	Structure and reproduction: <i>Anthoceros</i>
	13.02.2019	Structure and reproduction: <i>Anthoceros</i>
	14.02.2019	-
	15.02.2019	-
	16.02.2019	-
	17.02.2019	Sunday
	18.02.2019	Structure and reproduction: <i>Funaria</i>
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	Assignment on <i>Marchantia</i>
	21.02.2019	-
	22.02.2019	-
	23.02.2019	-
	24.02.2019	Sunday
	25.02.2019	Structure and reproduction: <i>Funaria</i>
Week 9	26.02.2019	Structure and reproduction: <i>Funaria</i>
	27.02.2019	Test: unit II
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	-

	02.03.2019	-
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	Pteridophyta-General characters
	06.03.2019	Pteridophyta- classification (upto classes)
	07.03.2019	-
	08.03.2019	-
	09.03.2019	-
	10.03.2019	Sunday
	11.03.2019	Alternation of generations, heterospory
Week 11	12.03.2019	Apospory and apogamy
	13.03.2019	Assignment on general characters of Pteridophytes
	14.03.2019	-
	15.03.2019	-
	16.03.2019	-
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	Economic importance of Pteridophytes
	26.03.2019	General account of stellar evolution
	27.03.2019	Test: Unit III
	28.03.2019	-
	29.03.2019	-
	30.03.2019	-
	31.03.2019	Sunday
Week 13	01.04.2019	Structure and reproduction: <i>Rhynia</i>
	02.04.2019	Structure and reproduction: <i>Selaginella</i>
	03.04.2019	Structure and reproduction: <i>Selaginella</i>
	04.04.2019	-
	05.04.2019	-
	06.04.2019	-
	07.04.2019	Sunday
Week 14	08.04.2019	Structure and reproduction: <i>Selaginella</i>
	09.04.2019	Structure and reproduction: <i>Selaginella</i>
	10.04.2019	Structure and reproduction: <i>Equisetum</i>
	11.04.2019	-

	12.04.2019	-
	13.04.2019	-
	14.04.2019	Sunday
Week 15	15.04.2019	Structure and reproduction: <i>Equisetum</i>
	16.04.2019	Assignment on <i>Selaginella</i> and <i>Equisetum</i>
	17.04.2019	Mahaveer Jayanti
	18.04.2019	-
	19.04.2019	-
	20.04.2019	-
	21.04.2019	Sunday
Week 16	22.04.2019	Structure and reproduction: <i>Pteris</i>
	23.04.2019	Structure and reproduction: <i>Pteris</i>
	24.04.2019	Structure and reproduction: <i>Pteris</i>
	25.04.2019	-
	26.04.2019	-
	27.04.2019	-
	28.04.2019	Sunday
Week 17	29.04.2019	Test: Unit IV
	30.04.2019	Revision

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor: Dr. Kshipra Kapil
Class & Section: B. Sc. Pass (Medical) 2nd Sem Sec B
Subject: Botany I

	Date	Topics to be covered
Week 1	01.01.2019	-
	02.01.2019	-
	03.01.2019	Bryophyta-General characters
	04.01.2019	Bryophyta-General characters
	05.01.2019	Bryophyta-General characters
	06.01.2019	Sunday
	07.01.2019	-
Week 2	08.01.2019	-
	09.01.2019	-
	10.01.2019	Bryophyta- classification (upto classes)
	11.01.2019	Bryophyta- classification (upto classes),
	12.01.2019	Alternation of generations
	13.01.2019	Sunday
	14.01.2019	-
Week 3	15.01.2019	-
	16.01.2019	-
	17.01.2019	Evolution of sporophytes
	18.01.2019	Evolution of sporophytes
	19.01.2019	Economic importance
	20.01.2019	Sunday
	21.01.2019	-
Week 4	22.01.2019	-
	23.01.2019	-

	24.01.2019	Assignment on General characters and classification
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	-
Week 5	29.01.2019	-
	30.01.2019	-
	31.01.2019	Test: unit I
	01.02.2019	Structure and reproduction: <i>Marchantia</i>
	02.02.2019	Structure and reproduction: <i>Marchantia</i>
	03.02.2019	Sunday
	04.02.2019	-
Week 6	05.02.2019	-
	06.02.2019	-
	07.02.2019	Structure and reproduction: <i>Marchantia</i>
	08.02.2019	Structure and reproduction: <i>Anthoceros</i>
	09.02.2019	Structure and reproduction: <i>Anthoceros</i>
	10.02.2019	Sunday
	11.02.2019	-
Week 7	12.02.2019	-
	13.02.2019	-
	14.02.2019	Structure and reproduction: <i>Anthoceros</i>
	15.02.2019	Structure and reproduction: <i>Anthoceros</i>
	16.02.2019	Structure and reproduction: <i>Anthoceros</i>
	17.02.2019	Sunday
	18.02.2019	-
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	-
	21.02.2019	Structure and reproduction: <i>Funaria</i>
	22.02.2019	Assignment on <i>Marchantia</i>
	23.02.2019	Structure and reproduction: <i>Funaria</i>
	24.02.2019	Sunday
	25.02.2019	-
Week 9	26.02.2019	-
	27.02.2019	-

	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	Structure and reproduction: <i>Funaria</i>
	02.03.2019	Test: Unit II
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	-
	06.03.2019	-
	07.03.2019	Pteridophyta-General characters
	08.03.2019	Pteridophyta- classification (upto classes)
	09.03.2019	Alternation of generations, heterospory
	10.03.2019	Sunday
	11.03.2019	-
Week 11	12.03.2019	-
	13.03.2019	-
	14.03.2019	Apospory and apogamy
	15.03.2019	Assignment on general characters of Pteridophytes
	16.03.2019	Economic importance of Pteridophytes
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	
	26.03.2019	
	27.03.2019	
	28.03.2019	General account of stellar evolution
	29.03.2019	Test: Unit III
	30.03.2019	Structure and reproduction: <i>Rhynia</i>
	31.03.2019	Sunday
Week 13	01.04.2019	-
	02.04.2019	-
	03.04.2019	-
	04.04.2019	Structure and reproduction: <i>Selaginella</i>
	05.04.2019	Structure and reproduction: <i>Selaginella</i>
	06.04.2019	Structure and reproduction: <i>Selaginella</i>
	07.04.2019	Sunday
Week 14	08.04.2019	-
	09.04.2019	-

	10.04.2019	-
	11.04.2019	Structure and reproduction: <i>Selaginella</i>
	12.04.2019	Structure and reproduction: <i>Equisetum</i>
	13.04.2019	Structure and reproduction: <i>Equisetum</i>
	14.04.2019	Sunday
Week 15	15.04.2019	-
	16.04.2019	-
	17.04.2019	Mahaveer Jayanti
	18.04.2019	Assignment on <i>Selaginella</i> and <i>Equisetum</i>
	19.04.2019	Structure and reproduction: <i>Pteris</i>
	20.04.2019	Structure and reproduction: <i>Pteris</i>
	21.04.2019	Sunday
Week 16	22.04.2019	-
	23.04.2019	-
	24.04.2019	-
	25.04.2019	Structure and reproduction: <i>Pteris</i>
	26.04.2019	Test: Unit IV
	27.04.2019	Revision
	28.04.2019	Sunday
Week 17	29.04.2019	-
	30.04.2019	-

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor: Dr. Kshipra Kapil
Class & Section: B. Sc. Pass (Medical) 2nd Sem Sec A
Subject: Botany Practical Group 1

	Date	Topics to be covered
Week 1	01.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	02.01.2019	-
	03.01.2019	-
	04.01.2019	-
	05.01.2019	-
	06.01.2019	Sunday
	07.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
Week 2	08.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
	09.01.2019	-
	10.01.2019	-
	11.01.2019	-
	12.01.2019	-
	13.01.2019	Sunday
	14.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
Week 3	15.01.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
	16.01.2019	-
	17.01.2019	-
	18.01.2019	-
	19.01.2019	-
	20.01.2019	Sunday
	21.01.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
Week 4	22.01.2019	Preparation of temporary slides (Mounting)- <i>Rhynia</i>
	23.01.2019	-

	24.01.2019	-
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
Week 5	29.01.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	30.01.2019	-
	31.01.2019	-
	01.02.2019	-
	02.02.2019	-
	03.02.2019	Sunday
	04.02.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
Week 6	05.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	06.02.2019	-
	07.02.2019	-
	08.02.2019	-
	09.02.2019	-
	10.02.2019	Sunday
	11.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
Week 7	12.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	13.02.2019	-
	14.02.2019	-
	15.02.2019	-
	16.02.2019	-
	17.02.2019	Sunday
	18.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	-
	21.02.2019	-
	22.02.2019	-
	23.02.2019	-
	24.02.2019	Sunday
	25.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
Week 9	26.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	27.02.2019	-

	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	-
	02.03.2019	-
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	Study the incomplete dominance
	06.03.2019	-
	07.03.2019	-
	08.03.2019	-
	09.03.2019	-
	10.03.2019	Sunday
	11.03.2019	Study the Mendel Monohybrid cross
Week 11	12.03.2019	Study the dihybrid cross
	13.03.2019	-
	14.03.2019	-
	15.03.2019	-
	16.03.2019	-
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	Study the Non- Allelic interactions
	26.03.2019	Study the supplementary gene
	27.03.2019	-
	28.03.2019	-
	29.03.2019	-
	30.03.2019	-
	31.03.2019	Sunday
Week 13	01.04.2019	Study the duplicate gene
	02.04.2019	Study the epistatic gene
	03.04.2019	-
	04.04.2019	-
	05.04.2019	-
	06.04.2019	-
	07.04.2019	Sunday
Week 14	08.04.2019	Study the recessive epistasis
	09.04.2019	Revision- <i>Marchantia</i>

	10.04.2019	-
	11.04.2019	-
	12.04.2019	-
	13.04.2019	-
	14.04.2019	Sunday
Week 15	15.04.2019	Revision- <i>Anthoceros</i>
	16.04.2019	Revision - <i>Funaria</i>
	17.04.2019	Mahaveer Jayanti
	18.04.2019	-
	19.04.2019	-
	20.04.2019	-
	21.04.2019	Sunday
Week 16	22.04.2019	Revision- <i>Rhynia</i>
	23.04.2019	Revision - <i>Selaginella</i>
	24.04.2019	-
	25.04.2019	-
	26.04.2019	-
	27.04.2019	-
	28.04.2019	Sunday
Week 17	29.04.2019	Revision- <i>Equisetum</i>
	30.04.2019	Revision- Pteris

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor: Dr. Kshipra Kapil
Class & Section: B. Sc. Pass (Medical) 2nd Sem Sec A
Subject: Botany Practical Group 2

	Date	Topics to be covered
Week 1	01.01.2019	-
	02.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	03.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	04.01.2019	-
	05.01.2019	-
	06.01.2019	Sunday
	07.01.2019	-
Week 2	08.01.2019	-
	09.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	10.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
	11.01.2019	-
	12.01.2019	-
	13.01.2019	Sunday
	14.01.2019	-
Week 3	15.01.2019	-
	16.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
	17.01.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
	18.01.2019	-
	19.01.2019	-
	20.01.2019	Sunday
	21.01.2019	-
Week 4	22.01.2019	-
	23.01.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
	24.01.2019	Preparation of temporary slides (Mounting)- <i>Rhynia</i>

	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	-
Week 5	29.01.2019	-
	30.01.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	31.01.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	01.02.2019	-
	02.02.2019	-
	03.02.2019	Sunday
	04.02.2019	-
Week 6	05.02.2019	-
	06.02.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	07.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	08.02.2019	-
	09.02.2019	-
	10.02.2019	Sunday
	11.02.2019	-
Week 7	12.02.2019	-
	13.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	14.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	15.02.2019	-
	16.02.2019	-
	17.02.2019	Sunday
	18.02.2019	-
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	21.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	22.02.2019	-
	23.02.2019	-
	24.02.2019	Sunday
	25.02.2019	-
Week 9	26.02.2019	-
	27.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	28.02.2019	Maharishi Dayanand Saraswati Jayanti

	01.03.2019	-
	02.03.2019	-
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	-
	06.03.2019	Study the incomplete dominance
	07.03.2019	Study the Mendel Monohybrid cross
	08.03.2019	-
	09.03.2019	-
	10.03.2019	Sunday
	11.03.2019	-
Week 11	12.03.2019	-
	13.03.2019	Study the dihybrid cross
	14.03.2019	Study the Non- Allelic interactions
	15.03.2019	-
	16.03.2019	-
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	-
	26.03.2019	-
	27.03.2019	Study the supplementary gene
	28.03.2019	Study the duplicate gene
	29.03.2019	-
	30.03.2019	-
	31.03.2019	Sunday
Week 13	01.04.2019	-
	02.04.2019	-
	03.04.2019	Study the epistatic gene
	04.04.2019	Study the recessive gene
	05.04.2019	-
	06.04.2019	-
	07.04.2019	Sunday
Week 14	08.04.2019	-
	09.04.2019	-
	10.04.2019	Revision- <i>Marchantia</i>

	11.04.2019	Revision- <i>Anthoceros</i>
	12.04.2019	-
	13.04.2019	-
	14.04.2019	Sunday
Week 15	15.04.2019	-
	16.04.2019	
	17.04.2019	Mahaveer Jayanti
	18.04.2019	Revision - <i>Funaria</i>
	19.04.2019	-
	20.04.2019	-
	21.04.2019	Sunday
Week 16	22.04.2019	-
	23.04.2019	-
	24.04.2019	Revision- <i>Rhynia, Equisetum</i>
	25.04.2019	Revision – <i>Selaginella, Pteris</i>
	26.04.2019	-
	27.04.2019	-
	28.04.2019	Sunday
Week 17	29.04.2019	-
	30.04.2019	-

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor: Dr. Kshipra Kapil
Class & Section: B. Sc. Pass (Medical) 2nd Sem Sec A
Subject: Botany Practical Group 3 and 7

	Date	Topics to be covered
Week 1	01.01.2019	-
	02.01.2019	-
	03.01.2019	-
	04.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	05.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	06.01.2019	Sunday
	07.01.2019	-
Week 2	08.01.2019	-
	09.01.2019	-
	10.01.2019	-
	11.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	12.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
	13.01.2019	Sunday
	14.01.2019	-
Week 3	15.01.2019	-
	16.01.2019	-
	17.01.2019	-
	18.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
	19.01.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
	20.01.2019	Sunday
	21.01.2019	-
Week 4	22.01.2019	-
	23.01.2019	-
	24.01.2019	-
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday

	28.01.2019	-
Week 5	29.01.2019	-
	30.01.2019	-
	31.01.2019	-
	01.02.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
	02.02.2019	Preparation of temporary slides (Mounting)- <i>Rhynia</i>
	03.02.2019	Sunday
	04.02.2019	-
	Week 6	05.02.2019
06.02.2019		-
07.02.2019		-
08.02.2019		Preparation of temporary slides (Mounting)- <i>Selaginella</i>
09.02.2019		Preparation of temporary slides (Mounting)- <i>Selaginella</i>
10.02.2019		Sunday
11.02.2019		-
Week 7		12.02.2019
	13.02.2019	-
	14.02.2019	-
	15.02.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	16.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	17.02.2019	Sunday
	18.02.2019	-
	Week 8	19.02.2019
20.02.2019		-
21.02.2019		-
22.02.2019		Preparation of temporary slides (Mounting)- <i>Equisetum</i>
23.02.2019		Preparation of temporary slides (Mounting)- <i>Equisetum</i>
24.02.2019		Sunday
25.02.2019		-
Week 9		26.02.2019
	27.02.2019	-
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	02.03.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	03.03.2019	Sunday

	04.03.2019	Shivratri
Week 10	05.03.2019	-
	06.03.2019	-
	07.03.2019	-
	08.03.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i> -
	09.03.2019	Study the incomplete dominance
	10.03.2019	Sunday
	11.03.2019	-
Week 11	12.03.2019	-
	13.03.2019	-
	14.03.2019	-
	15.03.2019	Study the Mendel Monohybrid cross
	16.03.2019	Study the dihybrid cross
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	-
	26.03.2019	-
	27.03.2019	-
	28.03.2019	-
	29.03.2019	Study the Non- Allelic interactions
	30.03.2019	Study the supplementary gene
	31.03.2019	Sunday
Week 13	01.04.2019	-
	02.04.2019	-
	03.04.2019	-
	04.04.2019	-
	05.04.2019	Study the duplicate gene
	06.04.2019	Study the epistatic gene
	07.04.2019	Sunday
Week 14	08.04.2019	-
	09.04.2019	-
	10.04.2019	-
	11.04.2019	-
	12.04.2019	Study the recessive gene
	13.04.2019	Revision- <i>Marchantia</i>

	14.04.2019	Sunday
Week 15	15.04.2019	-
	16.04.2019	-
	17.04.2019	Mahaveer Jayanti
	18.04.2019	-
	19.04.2019	Revision- <i>Anthoceros</i>
	20.04.2019	Revision - <i>Funaria</i>
	21.04.2019	Sunday
Week 16	22.04.2019	-
	23.04.2019	-
	24.04.2019	-
	25.04.2019	-
	26.04.2019	Revision- <i>Rhynia, Equisetum</i>
	27.04.2019	Revision – <i>Selaginella, Pteris</i>
	28.04.2019	Sunday
Week 17	29.04.2019	-
	30.04.2019	-

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name Of Asst/Associate Professor : Dr. Shipra Rani Jha
Class & Section: B.Sc Medical 2nd Yr (4th Sem) & Sec A And B
Subject: Plant Embryology - II

	Date	Topics To Be Covered
Week 1	01.01.2019	<ul style="list-style-type: none"> • Flower:- A Modified Shoot (Section A) • Different Parts Of Flower(Sepals petals carpels Ovary) • Functions Of Different Floral Parts
	02.01.2019	<ul style="list-style-type: none"> • Microsporangium(Section A)
	03.01.2019	<ul style="list-style-type: none"> • Flower-A Modified Shoot (Section B) • Different Parts Of Flower(Sepals Petals Carpels Ovary)
	04.01.2019	<ul style="list-style-type: none"> • Functions Of Different Floral Parts (Section B)
	05.01.2019	<ul style="list-style-type: none"> • Microsporangium (Section B)
	06.01.2019	Sunday
	07.01.2019	<ul style="list-style-type: none"> • Microsporangium: Its Wall (Section A)
Week 2	08.01.2019	<ul style="list-style-type: none"> • Dehiscence Mechanism (Section A)
	09.01.2019	<ul style="list-style-type: none"> • Microsporogenesis (Section A)
	10.01.2019	<ul style="list-style-type: none"> • Microsporangium: Its Wall (Section B)
	11.01.2019	<ul style="list-style-type: none"> • Dehiscence Mechanism(Section B)
	12.01.2019	<ul style="list-style-type: none"> • Microsporogenesis (Section B)
	13.01.2019	Sunday
	14.01.2019	<ul style="list-style-type: none"> • Pollen Grains (Section A)
Week 3	15.01.2019	<ul style="list-style-type: none"> • Structure Of Pollen Grains (Section A)
	16.01.2019	Class Test Of Unit I (Section A)
	17.01.2019	<ul style="list-style-type: none"> • Pollen Grains (Section B)
	18.01.2019	<ul style="list-style-type: none"> • Structure Of Pollen Grains (Section B)
	19.01.2019	Class Test Of Unit I (Section B)
	20.01.2019	Sunday
	21.01.2019	Assignment I (Section A)

Week 4	22.01.2019	<ul style="list-style-type: none"> Pollen Germination (Section A)
	23.01.2019	<ul style="list-style-type: none"> Microgametogenesis (Detailed Study) (Section A)
	24.01.2019	Assignment I And Pollen Germination (Section B)
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic Day
	27.01.2019	Sunday
	28.01.2019	<ul style="list-style-type: none"> Male Gametophyte (Section A)
Week 5	29.01.2019	<ul style="list-style-type: none"> Revision Of Microgametogenesis
	30.01.2019	<ul style="list-style-type: none"> Revision Of Male Gametophyte
	31.01.2019	<ul style="list-style-type: none"> Microgametogenesis (Detailed Study) (Section B)
	01.02.2019	<ul style="list-style-type: none"> Male Gametophyte (Section B)
	02.02.2019	<ul style="list-style-type: none"> Revision (Section B)
	03.02.2019	Sunday
	04.02.2019	<ul style="list-style-type: none"> Pollen-Pistil Interaction (Section A)
Week 6	05.02.2019	<ul style="list-style-type: none"> Self Incompatibility (Section A)
	06.02.2019	<ul style="list-style-type: none"> Pollination: Types And Agencies (Section A)
	07.02.2019	<ul style="list-style-type: none"> Pollen-Pistil Interaction (Section B)
	08.02.2019	<ul style="list-style-type: none"> Self Incompatibility (Section B)
	09.02.2019	<ul style="list-style-type: none"> Pollination: Types And Agencies (Section B)
	10.02.2019	Sunday
	11.02.2019	Class Test Of Unit II (Section A)
Week 7	12.02.2019	<ul style="list-style-type: none"> Megasporangium (Section A)
	13.02.2019	<ul style="list-style-type: none"> Its Structure (Section A)
	14.02.2019	Class Test Of Unit II (Section B)
	15.02.2019	<ul style="list-style-type: none"> Megasporangium (Section B)
	16.02.2019	<ul style="list-style-type: none"> Its Structure (Section B)
	17.02.2019	Sunday
	18.02.2019	<ul style="list-style-type: none"> Curvatures Of Megasporangium (Section A)
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	<ul style="list-style-type: none"> Megasporogenesis (Section A)
	21.02.2019	<ul style="list-style-type: none"> Curvatures Of Megasporangium (Section B)
	22.02.2019	<ul style="list-style-type: none"> Megasporogenesis (Section B)
	23.02.2019	<ul style="list-style-type: none"> Megagametogenesis (Section B)

	24.02.2019	Sunday
	25.02.2019	<ul style="list-style-type: none"> • Megagametogenesis (Section A)
Week 9	26.02.2019	<ul style="list-style-type: none"> • Female Gametophyte (Mono, Bi And Tetrasporic) (Section A)
	27.02.2019	<ul style="list-style-type: none"> • Double Fertilization (Section A)
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	<ul style="list-style-type: none"> • Female Gametophyte (Mono, Bi And Tetrasporic) (Section B)
	02.03.2019	<ul style="list-style-type: none"> • Double Fertilization (Section B)
	03.03.2019	Sunday
	04.03.2019	Shivratri
	Week 10	05.03.2019
06.03.2019		<ul style="list-style-type: none"> • Biological Importance Of Endosperm (Section A)
07.03.2019		<ul style="list-style-type: none"> • Endosperm And Its Types (Section B)
08.03.2019		<ul style="list-style-type: none"> • Biological Importance Of Endosperm (Section B)
09.03.2019		<ul style="list-style-type: none"> • Revision
10.03.2019		Sunday
11.03.2019		<ul style="list-style-type: none"> • Assignment II (Section A)
Week 11		12.03.2019
	13.03.2019	<ul style="list-style-type: none"> • Oral Test (Unit I, II, III) (Section A)
	14.03.2019	<ul style="list-style-type: none"> • Assignment II (Section B)
	15.03.2019	<ul style="list-style-type: none"> • Class Test Of Unit III (Section B)
	16.03.2019	<ul style="list-style-type: none"> • Oral Test (Unit I, II, III) (Section B)
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	<ul style="list-style-type: none"> • Embryogenesis In Dicots (Section A)
	26.03.2019	<ul style="list-style-type: none"> • Embryogenesis In Monocots (Section A)
	27.03.2019	<ul style="list-style-type: none"> • Polyembryony (Section A)
	28.03.2019	<ul style="list-style-type: none"> • Embryogenesis In Dicots (Section B)
	29.03.2019	<ul style="list-style-type: none"> • Embryogenesis In Monocots (Section B)
	30.03.2019	<ul style="list-style-type: none"> • Polyembryony (Section B)
	31.03.2019	Sunday
Week	01.04.2019	Class Test (Section A)

13	02.04.2019	• Sturcture Of Seed In Dicot (Section A)
	03.04.2019	• Sturcture Of Seed In Monocot (Section A)
	04.04.2019	Class Test (Section B)
	05.04.2019	• Sturcture Of Seed In Dicot (Section B)
	06.04.2019	• Sturcture Of Seed In Monocot (Section B)
	07.04.2019	Sunday
Week 14	08.04.2019	• MCQ Test (Section A)
	09.04.2019	• Fruit Types (Section A)
	10.04.2019	• Dispersal Mechanism In Fruits (Section A)
	11.04.2019	• MCQ Test (Section B)
	12.04.2019	• Fruit Types (Section B)
	13.04.2019	• Dispersal Mechanism In Fruits (Section B)
	14.04.2019	Sunday
Week 15	15.04.2019	• Dispersal Mechanism In Seeds (Section A)
	16.04.2019	• Revision Of Unit IV (Section A)
	17.04.2019	Mahaveer Jayanti
	18.04.2019	• Dispersal Mechanism In Seeds (Section B)
	19.04.2019	• Revision Of Unit IV (Section B)
	20.04.2019	• Doubts Related To Unit IV (Section B)
	21.04.2019	Sunday
Week 16	22.04.2019	• Revision Of Unit I (Section A)
	23.04.2019	• Revision Of Unit II (Section A)
	24.04.2019	• Revision Of Unit III(Section A)
	25.04.2019	• Revision Of Unit I (Section B)
	26.04.2019	• Revision Of Unit II (Section B)
	27.04.2019	• Revision Of Unit III(Section B)
	28.04.2019	Sunday
Week 17	29.04.2019	Test (Section A)
	30.04.2019	Test (Section B)

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Dr. Mamta Singh

Class & Section: B.Sc. (Med) 6th Semester

Subject: Zoology- Entomology (6.1)

	Date	Topics to be covered
Week 1	01.01.2019	-----
	02.01.2019	-----
	03.01.2019	Discussion regarding books and introduction to syllabus
	04.01.2019	Systematic position, habits and nature of damage caused. Life cycle and control of <i>Pyrilla perpusilla</i>
	05.01.2019	Continued
	06.01.2019	Sunday
	07.01.2019	-----
Week 2	08.01.2019	-----
	09.01.2019	-----
	10.01.2019	Systematic position, habits and nature of damage caused by Sugarcane Whitefly (<i>Aleurolobus barodensis</i>), Sugarcane top borer (<i>Sciropophaga nivella</i>)
	11.01.2019	Systematic position, habits and nature of damage caused by Sugarcane root borer (<i>Emmalocera depresella</i>), Gurdaspur borer (<i>Bissetia steniellus</i>).
	12.01.2019	Continued
	13.01.2019	Sunday
	14.01.2019	-----
Week 3	15.01.2019	-----
	16.01.2019	-----
	17.01.2019	Systematic position, habits and nature of damage caused, Life cycle and control of Pink bollworm (<i>Pectinophora gossypiella</i>).
	18.01.2019	Continued
	19.01.2019	Systematic position, habits and nature of damage

		caused by Red cotton bug (<i>Dysdercus Cingulatus</i>), Cotton grey weevil (<i>Myllocerus undecimpustulatus</i>), Cotton Jassid (<i>Amrasca devastans</i>).
	20.01.2019	Sunday
	21.01.2019	-----
Week 4	22.01.2019	-----
	23.01.2019	-----
	24.01.2019	Continued
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	-----
Week 5	29.01.2019	-----
	30.01.2019	-----
	31.01.2019	Test/assignment of Life cycle, nature of damage caused and control of Pink bollworm (<i>Pectinophora gossypiella</i>).
	01.02.2019	Systematic position, habits and nature of damage caused, Life cycle and control of Wheat stem borer (<i>Sesamia inferens</i>).
	02.02.2019	continued
	03.02.2019	Sunday
	04.02.2019	-----
Week 6	05.02.2019	-----
	06.02.2019	-----
	07.02.2019	Systematic position, habits and nature of damage caused, Life cycle and control of Gundhi bug (<i>Leptocorisa acuta</i>)
	08.02.2019	Continued
	09.02.2019	continued
	10.02.2019	Sunday
	11.02.2019	-----
Week 7	12.02.2019	-----
	13.02.2019	-----

	14.02.2019	Systematic position, habits and nature of damage caused by Rice grasshopper (<i>Hieroglyphus banian</i>), and Rice stem borer (<i>Scirpophaga incertullus</i>).
	15.02.2019	Systematic position, habits and nature of damage caused by Rice Hispa (<i>Diceladyspa armigera</i>).
	16.02.2019	Test/Assignment of Life cycle, nature of damage caused and control of Gundhi bug (<i>Loptocorisa acuta</i>)
	17.02.2019	Sunday
	18.02.2019	-----
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	-----
	21.02.2019	Systematic position, habits and nature of damage caused, Life cycle and control of <i>Aulacophora faveicollis</i> .
	22.02.2019	Continued
	23.02.2019	Systematic position, habits and nature of damage caused by <i>Dacus cucurbitas</i> – The pumpkin fruit fly, <i>Tetranychus tecarius</i> – The vegetable mite, <i>Epilachna</i> – The Hadda beetle.
	24.02.2019	Sunday
	25.02.2019	-----
Week 9	26.02.2019	-----
	27.02.2019	-----
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	Systematic position, habits and nature of damage caused, Life cycle and control of <i>Trogoderma granarium</i> .
	02.03.2019	continued
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	-----
	06.03.2019	-----
	07.03.2019	Systematic position, habits and nature of damage caused by Pulse beetle (<i>Callosobruchus maculatus</i>), Rice weevil (<i>Sitophilus oryzae</i>).
	08.03.2019	Systematic position, habits and nature of damage

		caused by Rust Red Flour beetles (<i>Tribolium castaneum</i>), Lesser grain borer (<i>Rhizopertha dominica</i>), Grain & Flour moth (<i>Sitotroga cerealella</i>)
	09.03.2019	Continued
	10.03.2019	Sunday
	11.03.2019	-----
Week 11	12.03.2019	-----
	13.03.2019	-----
	14.03.2019	Continued
	15.03.2019	Test/Assignment of pests of vegetables
	16.03.2019	Biological control, its history, requirement and precautions and feasibility of biological agents for control.
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	-----
	26.03.2019	-----
	27.03.2019	-----
	28.03.2019	Continued
	29.03.2019	continued
	30.03.2019	Chemical control: History
	31.03.2019	Sunday
Week 13	01.04.2019	-----
	02.04.2019	-----
	03.04.2019	-----
	04.04.2019	Categories of pesticides
	05.04.2019	Continued
	06.04.2019	Test/Assignment of Biological control
	07.04.2019	Sunday
Week 14	08.04.2019	-----
	09.04.2019	-----
	10.04.2019	-----
	11.04.2019	Important pesticides from each category to pests against which they can be used.
	12.04.2019	Continued

	13.04.2019	Insect repellants and attractants
	14.04.2019	Sunday
Week 15	15.04.2019	-----
	16.04.2019	-----
	17.04.2019	MahaveerJayanti
	18.04.2019	continued
	19.04.2019	Integrated pest management
	20.04.2019	Important bird and rodent pests of agriculture & their management
	21.04.2019	Sunday
Week 16	22.04.2019	-----
	23.04.2019	-----
	24.04.2019	-----
	25.04.2019	Continued
	26.04.2019	Revision of topics covered
	27.04.2019	Test of whole syllabus
	28.04.2019	Sunday
Week 17	29.04.2019	-----
	30.04.2019	-----

**K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)**

Name of Asst/Associate Professor : Ms. Deeksha Sharma
Class & Section: B.Sc. Medical 1st year Section B
Subject: Genetics (Zoology)

	Date	Topics to be covered
Week 1	01.01.2019	
	02.01.2019	
	03.01.2019	Unit 1: Elements of hereditary and variation
	04.01.2019	Continue..
	05.01.2019	
	06.01.2019	Sunday
	07.01.2019	
Week 2	08.01.2019	
	09.01.2019	
	10.01.2019	The varieties of gene interactions
	11.01.2019	Linkage and Recombination: coupling and repulsion
	12.01.2019	Crossing over, chiasma formation
	13.01.2019	sunday
	14.01.2019	
Week 3	15.01.2019	
	16.01.2019	
	17.01.2019	Gene mapping
	18.01.2019	Unit 2: Sex determination and its mechanism: male and female heterozygous system
	19.01.2019	Genetic balance system
	20.01.2019	Sunday
	21.01.2019	
Week 4	22.01.2019	
	23.01.2019	
	24.01.2019	Role of Y Chromosomes, male haploidy
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	
Week 5	29.01.2019	

	30.01.2019	
	31.01.2019	Cytoplasmic and environmental factors
	01.02.2019	Role of hormones in sex determination
	02.02.2019	Sex linked inheritance: haemophilia and color blindness
	03.02.2019	Sunday
	04.02.2019	
Week 6	05.02.2019	
	06.02.2019	
	07.02.2019	Eye color in Drosophila, non-disjunction of sex chromosomes in drosophila
	08.02.2019	Sex linked and sex influenced inheritance
	09.02.2019	Kappa particles in Paramecium
	10.02.2019	Sunday
	11.02.2019	
Week 7	12.02.2019	
	13.02.2019	
	14.02.2019	Shell coiling in snails, Milk factor in mice
	15.02.2019	Class test of Unit 1
	16.02.2019	Unit 3: Multiple Allelism: Eye color in Drosophila, A B O blood group
	17.02.2019	Sunday
	18.02.2019	
Week 8	19.02.2019	Guru RavidasJayanti
	20.02.2019	
	21.02.2019	Human karyotype, chromosomal abnormalities
	22.02.2019	Monozygotic and dizygotic twins
	23.02.2019	Inborn errors of metabolism in man
	24.02.2019	Sunday
	25.02.2019	
Week 9	26.02.2019	
	27.02.2019	
	28.02.2019	Maharishi DayanandSaraswatiJayanti
	01.03.2019	Unit 4: Structure and type of nucleic acids, Protein synthesis

	02.03.2019	Spontaneous and induced mutations, gene mutation
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	
	06.03.2019	
	07.03.2019	Chemical basis of mutation, transition, transversion
	08.03.2019	Structural chromosomal aberrations
	09.03.2019	Continue..
	10.03.2019	Sunday
	11.03.2019	
Week 11	12.03.2019	
	13.03.2019	
	14.03.2019	Numerical Aberrations
	15.03.2019	Continue..
	16.03.2019	Continue..
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	
	26.03.2019	
	27.03.2019	
	28.03.2019	Class test of Unit 2
	29.03.2019	Applied Genetics: Eugenics, euthenics,euphenics
	30.03.2019	Genetic counseling
	31.03.2019	Sunday
Week 13	01.04.2019	
	02.04.2019	
	03.04.2019	
	04.04.2019	Prenatal diagnostics
	05.04.2019	Class test of unit 3
	06.04.2019	DNA fingerprinting
	07.04.2019	Sunday
Week 14	08.04.2019	
	09.04.2019	
	10.04.2019	
	11.04.2019	DNA fingerprinting

	12.04.2019	Transgenic animals
	13.04.2019	Continue..
	14.04.2019	Sunday
Week 15	15.04.2019	
	16.04.2019	
	17.04.2019	MahaveerJayanti
	18.04.2019	Revision of unit 4
	19.04.2019	Class test of unit 4
	20.04.2019	Revision of unit 1
	21.04.2019	Sunday
Week 16	22.04.2019	
	23.04.2019	
	24.04.2019	
	25.04.2019	Revision of unit 1
	26.04.2019	Revision of unit 2
	27.04.2019	Revision of unit 3
	28.04.2019	Sunday
Week 17	29.04.2019	
	30.04.2019	

Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Ms. Deeksha Sharma

Class & Section: B.Sc. Med 2nd year Section A

Subject: Zoology (Genetics)

	Date	Topics to be covered
Week 1	01.01.2019	Elements of Hereditary and Variations
	02.01.2019	Continue..
	03.01.2019	
	04.01.2019	
	05.01.2019	
	06.01.2019	Sunday
	07.01.2019	The varieties of gene interaction
Week 2	08.01.2019	Continue..
	09.01.2019	Linkage and Recombination: Coupling and hypothesis
	10.01.2019	
	11.01.2019	
	12.01.2019	
	13.01.2019	sunday
	14.01.2019	Crossing Over and chiasma formation
Week 3	15.01.2019	Gene Mapping
	16.01.2019	Sex Determination and its mechanism: Male and female heterozygous system
	17.01.2019	
	18.01.2019	
	19.01.2019	
	20.01.2019	Sunday
	21.01.2019	Genetic Balance system
Week 4	22.01.2019	Role of Y Chromosomes, male haploidy, cytoplasmic factors
	23.01.2019	Environmental factors , Role of hormones in Sex Determination
	24.01.2019	
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day

	27.01.2019	Sunday
	28.01.2019	Sex linked inheritance: Haemophilia and colour blindness in man
Week 5	29.01.2019	Eye color in Drosophila, Non disjunction of sex chromosome in Drosophila
	30.01.2019	Sex linked and sex influenced inheritance
	31.01.2019	
	01.02.2019	
	02.02.2019	
	03.02.2019	Sunday
	04.02.2019	Extra chromosomal and cytoplasmic inheritance: kappa particles in Paramecium
Week 6	05.02.2019	Shell coiling in snails, Milk factor in mice
	06.02.2019	Multiple Allelism: Eye color in Drosophila, A B O blood group in man
	07.02.2019	
	08.02.2019	
	09.02.2019	
	10.02.2019	Sunday
	11.02.2019	Human genetics: Human karyotype
Week 7	12.02.2019	Chromosomal abnormalities involving autosome and sex chromosomes
	13.02.2019	Monozygotic and dizygotic twins
	14.02.2019	
	15.02.2019	
	16.02.2019	
	17.02.2019	Sunday
	18.02.2019	Inborn errors of metabolism in man
Week 8	19.02.2019	Guru RavidasJayanti
	20.02.2019	Continue..
	21.02.2019	
	22.02.2019	
	23.02.2019	
	24.02.2019	Sunday
	25.02.2019	Class test of unit 1

Week 9	26.02.2019	Unit 4: Structure and type of nucleic acid
	27.02.2019	Protein synthesis, spontaneous and induced mutation
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	
	02.03.2019	
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	Gene mutations, chemical basis of mutations
	06.03.2019	Transition, transversion
	07.03.2019	
	08.03.2019	
	09.03.2019	
	10.03.2019	Sunday
	11.03.2019	Structural chromosomal aberrations
Week 11	12.03.2019	Continue..
	13.03.2019	Numerical Aberrations
	14.03.2019	
	15.03.2019	
	16.03.2019	
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	Class test of unit 2
	26.03.2019	Applied genetics: Eugenics, eugenics
	27.03.2019	Eugenics , genetic counseling
	28.03.2019	
	29.03.2019	
	30.03.2019	
	31.03.2019	Sunday
Week 13	01.04.2019	Class test of unit 3
	02.04.2019	Prenatal diagnostics
	03.04.2019	Continue..
	04.04.2019	
	05.04.2019	
	06.04.2019	
	07.04.2019	Sunday

Week 14	08.04.2019	DNA fingerprinting
	09.04.2019	Continue..
	10.04.2019	Continue..
	11.04.2019	
	12.04.2019	
	13.04.2019	
	14.04.2019	Sunday
Week 15	15.04.2019	Transgenic Animals
	16.04.2019	Continue..
	17.04.2019	MahaveerJayanti
	18.04.2019	
	19.04.2019	
	20.04.2019	
	21.04.2019	Sunday
Week 16	22.04.2019	Revision of unit 4
	23.04.2019	Continue..
	24.04.2019	Continue..
	25.04.2019	
	26.04.2019	
	27.04.2019	
	28.04.2019	Sunday
Week 17	29.04.2019	Class test of unit 4
	30.04.2019	Revision of few topics

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Ms. Neha Dagar

Class & Section: B.Sc Medical I Year (Sec - A)

Subject: Life and diversity from Annelida to Hemichordata

	Date	Topics to be covered
Week 1	01.01.2019	
	02.01.2019	
	03.01.2019	General characters of Phylum Arthropoda
	04.01.2019	Economic Importance
	05.01.2019	Type study - Pheretima
	06.01.2019	Sunday
	07.01.2019	
Week 2	08.01.2019	
	09.01.2019	
	10.01.2019	Continued..
	11.01.2019	Continued..
	12.01.2019	Continued..
	13.01.2019	sunday
	14.01.2019	
Week 3	15.01.2019	
	16.01.2019	
	17.01.2019	Continued..
	18.01.2019	Continued..
	19.01.2019	Continued..
	20.01.2019	Sunday
	21.01.2019	
Week 4	22.01.2019	
	23.01.2019	
	24.01.2019	Metamerism
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	

Week 5	29.01.2019	
	30.01.2019	
	31.01.2019	Trochophore Larva
	01.02.2019	<i>General characters of Phylum Arthropoda</i>
	02.02.2019	Classification
	03.02.2019	Sunday
	04.02.2019	
Week 6	05.02.2019	
	06.02.2019	
	07.02.2019	Continued..
	08.02.2019	Economic Importance
	09.02.2019	Type study - Grasshopper
	10.02.2019	Sunday
	11.02.2019	
Week 7	12.02.2019	
	13.02.2019	
	14.02.2019	Continued..
	15.02.2019	Continued..
	16.02.2019	Continued..
	17.02.2019	Sunday
	18.02.2019	
Week 8	19.02.2019	Guru RavidasJayanti
	20.02.2019	
	21.02.2019	Continued..
	22.02.2019	Continued..
	23.02.2019	General characters of phylum mollusca
	24.02.2019	Sunday
	25.02.2019	
Week 9	26.02.2019	
	27.02.2019	
	28.02.2019	Maharishi DayanandSaraswatiJayanti
	01.03.2019	Classification
	02.03.2019	Economic Importance
	03.03.2019	Sunday
	04.03.2019	Shivratri

Week 10	05.03.2019	
	06.03.2019	
	07.03.2019	<i>Type study - Pila</i>
	08.03.2019	Continued..
	09.03.2019	Continued..
	10.03.2019	Sunday
	11.03.2019	
Week 11	12.03.2019	
	13.03.2019	
	14.03.2019	Continued..
	15.03.2019	Continued..
	16.03.2019	Continued..
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	
	26.03.2019	
	27.03.2019	
	28.03.2019	Torsion and detorsion in Gastropoda
	29.03.2019	Respiration and foot
	30.03.2019	continued..
	31.03.2019	Sunday
Week 13	01.04.2019	
	02.04.2019	
	03.04.2019	
	04.04.2019	General characters of Phylum Echinodermata
	05.04.2019	Classification
	06.04.2019	Economic Importance
	07.04.2019	Sunday
Week 14	08.04.2019	
	09.04.2019	
	10.04.2019	
	11.04.2019	Type study - Asteries
	12.04.2019	Continued..
	13.04.2019	Continued..

	14.04.2019	Sunday
Week 15	15.04.2019	
	16.04.2019	
	17.04.2019	MahaveerJayanti
	18.04.2019	Echinoderm Larva
	19.04.2019	Aristotle's Lantern
	20.04.2019	General characters of phylum Hemichordata
	21.04.2019	Sunday
Week 16	22.04.2019	
	23.04.2019	
	24.04.2019	
	25.04.2019	Type study - Balanoglossus
	26.04.2019	Continued..
	27.04.2019	Continued..
	28.04.2019	Sunday
Week 17	29.04.2019	
	30.04.2019	

Name of Asst/Associate Professor : Ms. Neha Dagar

Class & Section: B.Sc.Medical I year, Sec-B

Subject: Life and diversity from Annelida to Hemichordata

	Date	Topics to be covered
Week 1	01.01.2019	<i>General characters of Phylum Annelida</i>
	02.01.2019	Economic Importance
	03.01.2019	
	04.01.2019	
	05.01.2019	
	06.01.2019	Sunday
	07.01.2019	Type Study - Pheretima
Week 2	08.01.2019	<i>continued..</i>
	09.01.2019	<i>continued..</i>
	10.01.2019	
	11.01.2019	
	12.01.2019	
	13.01.2019	sunday
	14.01.2019	<i>continued..</i>
Week 3	15.01.2019	<i>continued..</i>
	16.01.2019	<i>continued..</i>
	17.01.2019	
	18.01.2019	
	19.01.2019	
	20.01.2019	Sunday
	21.01.2019	<i>continued..</i>
Week 4	22.01.2019	Metamerism
	23.01.2019	Trochophore larva
	24.01.2019	
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	<i>General characters of Phylum Arthropoda</i>
Week 5	29.01.2019	Classification
	30.01.2019	<i>Continued..</i>

	31.01.2019	
	01.02.2019	
	02.02.2019	
	03.02.2019	Sunday
	04.02.2019	<i>Economic Importance</i>
Week 6	05.02.2019	Type study - Grasshopper
	06.02.2019	<i>Continued..</i>
	07.02.2019	
	08.02.2019	
	09.02.2019	
	10.02.2019	Sunday
	11.02.2019	Continued..
Week 7	12.02.2019	Continued..
	13.02.2019	Continued..
	14.02.2019	
	15.02.2019	
	16.02.2019	
	17.02.2019	Sunday
	18.02.2019	<i>Continued..</i>
Week 8	19.02.2019	Guru RavidasJayanti
	20.02.2019	Continued..
	21.02.2019	
	22.02.2019	
	23.02.2019	
	24.02.2019	Sunday
	25.02.2019	General characters of Phylum Mollusca
Week 9	26.02.2019	Classification
	27.02.2019	<i>Economic Importance</i>
	28.02.2019	Maharishi DayanandSaraswatiJayanti
	01.03.2019	
	02.03.2019	
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	Type study - Pila
	06.03.2019	Continued..

	07.03.2019	
	08.03.2019	
	09.03.2019	
	10.03.2019	Sunday
	11.03.2019	Continued..
Week 11	12.03.2019	Continued..
	13.03.2019	Continued..
	14.03.2019	
	15.03.2019	
	16.03.2019	
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	Continued..
	26.03.2019	Torsion and Detorsion in Gastropod
	27.03.2019	Respiration and foot
	28.03.2019	
	29.03.2019	
	30.03.2019	
	31.03.2019	Sunday
Week 13	01.04.2019	Continued..
	02.04.2019	General characters of phylum Echinodermata
	03.04.2019	Classification
	04.04.2019	
	05.04.2019	
	06.04.2019	
	07.04.2019	Sunday
Week 14	08.04.2019	Economic Importance
	09.04.2019	Type study - Asteries
	10.04.2019	Continued..
	11.04.2019	
	12.04.2019	
	13.04.2019	
	14.04.2019	Sunday
Week 15	15.04.2019	Continued..
	16.04.2019	Echinoderm Larva

	17.04.2019	MahaveerJayanti
	18.04.2019	
	19.04.2019	
	20.04.2019	
	21.04.2019	Sunday
Week 16	22.04.2019	Aristotle's Larva
	23.04.2019	General characters of Phylum Hemichordata
	24.04.2019	Type study - Balanoglossus
	25.04.2019	
	26.04.2019	
	27.04.2019	
	28.04.2019	Sunday
Week 17	29.04.2019	Continued..
	30.04.2019	Continued..

Name of Asst/Associate Professor: Dr. Radhika
Class & Section: B. Sc. Pass (Medical) 2nd Sem Sec B
Subject: Botany Practical Group 4

	Date	Topics to be covered
Week 1	01.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	02.01.2019	-
	03.01.2019	-
	04.01.2019	-
	05.01.2019	-
	06.01.2019	Sunday
	07.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
Week 2	08.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
	09.01.2019	-
	10.01.2019	-
	11.01.2019	-
	12.01.2019	-
	13.01.2019	Sunday
	14.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
Week 3	15.01.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
	16.01.2019	-
	17.01.2019	-
	18.01.2019	-
	19.01.2019	-
	20.01.2019	Sunday
	21.01.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
Week 4	22.01.2019	Preparation of temporary slides (Mounting)- <i>Rhynia</i>
	23.01.2019	-
	24.01.2019	-
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
Week 5	29.01.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	30.01.2019	-
	31.01.2019	-

	01.02.2019	-
	02.02.2019	-
	03.02.2019	Sunday
	04.02.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
Week 6	05.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	06.02.2019	-
	07.02.2019	-
	08.02.2019	-
	09.02.2019	-
	10.02.2019	Sunday
	11.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
Week 7	12.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	13.02.2019	-
	14.02.2019	-
	15.02.2019	-
	16.02.2019	-
	17.02.2019	Sunday
	18.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	-
	21.02.2019	-
	22.02.2019	-
	23.02.2019	-
	24.02.2019	Sunday
	25.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
Week 9	26.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	27.02.2019	-
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	-
	02.03.2019	-
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	Study the incomplete dominance
	06.03.2019	-
	07.03.2019	-

	08.03.2019	-
	09.03.2019	-
	10.03.2019	Sunday
	11.03.2019	Study the Mendel Monohybrid cross
Week 11	12.03.2019	Study the dihybrid cross
	13.03.2019	-
	14.03.2019	-
	15.03.2019	-
	16.03.2019	-
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	Study the Non- Allelic interactions
	26.03.2019	Study the supplementary gene
	27.03.2019	-
	28.03.2019	-
	29.03.2019	-
	30.03.2019	-
	31.03.2019	Sunday
Week 13	01.04.2019	Study the duplicate gene
	02.04.2019	Study the epistatic gene
	03.04.2019	-
	04.04.2019	-
	05.04.2019	-
	06.04.2019	-
	07.04.2019	Sunday
Week 14	08.04.2019	Study the recessive epistasis
	09.04.2019	Revision- <i>Marchantia</i>
	10.04.2019	-
	11.04.2019	-
	12.04.2019	-
	13.04.2019	-
	14.04.2019	Sunday
Week 15	15.04.2019	Revision- <i>Anthoceros</i>
	16.04.2019	Revision - <i>Funaria</i>
	17.04.2019	Mahaveer Jayanti

	18.04.2019	-
	19.04.2019	-
	20.04.2019	-
	21.04.2019	Sunday
Week 16	22.04.2019	Revision- <i>Rhynia</i>
	23.04.2019	Revision - <i>Selaginella</i>
	24.04.2019	-
	25.04.2019	-
	26.04.2019	-
	27.04.2019	-
	28.04.2019	Sunday
Week 17	29.04.2019	Revision- <i>Equisetum</i>
	30.04.2019	Revision- Pteris

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor: Dr. Radhika Class & Section: B. Sc. Pass (Medical) 2nd Sem Sec A Subject: Genetics		
	Date	Topics to be covered
Week 1	01.01.2019	-
	02.01.2019	-
	03.01.2019	Genetic Material: DNA - the genetic material, DNA structure
	04.01.2019	Genetic Material: DNA - the genetic material, DNA structure
	05.01.2019	Replication
	06.01.2019	Sunday
	07.01.2019	-
Week 2	08.01.2019	-
	09.01.2019	-
	10.01.2019	Replication
	11.01.2019	DNA-Protein interaction
	12.01.2019	The Nucleosome Model
	13.01.2019	sunday
	14.01.2019	-
Week 3	15.01.2019	-
	16.01.2019	-
	17.01.2019	Genetic Code
	18.01.2019	Satellite and Repetitive DNA
	19.01.2019	Assignment on replication of DNA
	20.01.2019	Sunday
	21.01.2019	-
Week 4	22.01.2019	-
	23.01.2019	-
	24.01.2019	Test: Unit I
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day

	27.01.2019	Sunday
	28.01.2019	-
Week 5	29.01.2019	-
	30.01.2019	-
	31.01.2019	Mendelism: Laws of Segregation
	01.02.2019	Mendelism: Independent Assortment
	02.02.2019	Linkage Analysis
	03.02.2019	Sunday
	04.02.2019	-
	Week 6	05.02.2019
06.02.2019		-
07.02.2019		Linkage Analysis
08.02.2019		Allelic and non-allelic interactions
09.02.2019		Assignment on mendelism
10.02.2019		Sunday
11.02.2019		-
Week 7		12.02.2019
	13.02.2019	-
	14.02.2019	Test: Unit II
	15.02.2019	Presence and function of Mitochondrial DNA
	16.02.2019	Presence and function of Plastid DNA
	17.02.2019	Sunday
	18.02.2019	-
	Week 8	19.02.2019
20.02.2019		-
21.02.2019		Plasmids
22.02.2019		Mutations - spontaneous and induced
23.02.2019		Mutations - spontaneous and induced
24.02.2019		Sunday
25.02.2019		-
Week 9		26.02.2019
	27.02.2019	-
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	transposable genetic elements
	02.03.2019	transposable genetic elements

	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	-
	06.03.2019	-
	07.03.2019	DNA damage and repair
	08.03.2019	DNA damage and repair
	09.03.2019	DNA damage and repair
	10.03.2019	Sunday
	11.03.2019	-
Week 11	12.03.2019	-
	13.03.2019	-
	14.03.2019	Assignment on mutations
	15.03.2019	Test: Unit III
	16.03.2019	Modern concept of gene
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	-
	26.03.2019	-
	27.03.2019	-
	28.03.2019	RNA
	29.03.2019	Ribosomes
	30.03.2019	transcription
	31.03.2019	Sunday
Week 13	01.04.2019	-
	02.04.2019	-
	03.04.2019	-
	04.04.2019	transcription
	05.04.2019	translation
	06.04.2019	translation
	07.04.2019	Sunday
Week 14	08.04.2019	-
	09.04.2019	-
	10.04.2019	-
	11.04.2019	Structure of proteins
	12.04.2019	Structure of proteins

	13.04.2019	Regulation of gene expression in prokaryotes
	14.04.2019	Sunday
Week 15	15.04.2019	-
	16.04.2019	-
	17.04.2019	Mahaveer Jayanti
	18.04.2019	Regulation of gene expression in prokaryotes
	19.04.2019	Regulation of gene expression in eukaryotes
	20.04.2019	Regulation of gene expression in eukaryotes
	21.04.2019	Sunday
Week 16	22.04.2019	-
	23.04.2019	-
	24.04.2019	-
	25.04.2019	Regulation of gene expression in eukaryotes
	26.04.2019	Assignment on transcription and translation
	27.04.2019	Test: Unit IV
	28.04.2019	Sunday
Week 17	29.04.2019	-
	30.04.2019	-

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor: Dr. Radhika
Class & Section: B. Sc. Pass (Medical) 2nd Sem Sec B
Subject: Botany Practical Group 5

	Date	Topics to be covered
Week 1	01.01.2019	-
	02.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	03.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	04.01.2019	-
	05.01.2019	-
	06.01.2019	Sunday
	07.01.2019	-
Week 2	08.01.2019	-
	09.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	10.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
	11.01.2019	-
	12.01.2019	-
	13.01.2019	Sunday
	14.01.2019	-
Week 3	15.01.2019	-
	16.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
	17.01.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
	18.01.2019	-
	19.01.2019	-
	20.01.2019	Sunday
	21.01.2019	-
Week 4	22.01.2019	-
	23.01.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
	24.01.2019	Preparation of temporary slides (Mounting)- <i>Rhynia</i>
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	-

Week 5	29.01.2019	-
	30.01.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	31.01.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	01.02.2019	-
	02.02.2019	-
	03.02.2019	Sunday
	04.02.2019	-
Week 6	05.02.2019	-
	06.02.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	07.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	08.02.2019	-
	09.02.2019	-
	10.02.2019	Sunday
	11.02.2019	-
Week 7	12.02.2019	-
	13.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	14.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	15.02.2019	-
	16.02.2019	-
	17.02.2019	Sunday
	18.02.2019	-
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	21.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	22.02.2019	-
	23.02.2019	-
	24.02.2019	Sunday
	25.02.2019	-
Week 9	26.02.2019	-
	27.02.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	-
	02.03.2019	-
	03.03.2019	Sunday
	04.03.2019	Shivratri

Week 10	05.03.2019	-
	06.03.2019	Study the incomplete dominance
	07.03.2019	Study the Mendel Monohybrid cross
	08.03.2019	-
	09.03.2019	-
	10.03.2019	Sunday
	11.03.2019	-
Week 11	12.03.2019	-
	13.03.2019	Study the dihybrid cross
	14.03.2019	Study the Non- Allelic interactions
	15.03.2019	-
	16.03.2019	-
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	-
	26.03.2019	-
	27.03.2019	Study the supplementary gene
	28.03.2019	Study the duplicate gene
	29.03.2019	-
	30.03.2019	-
	31.03.2019	Sunday
Week 13	01.04.2019	-
	02.04.2019	-
	03.04.2019	Study the epistatic gene
	04.04.2019	Study the recessive gene
	05.04.2019	-
	06.04.2019	-
	07.04.2019	Sunday
Week 14	08.04.2019	-
	09.04.2019	-
	10.04.2019	Revision- <i>Marchantia</i>
	11.04.2019	Revision- <i>Anthoceros</i>
	12.04.2019	-
	13.04.2019	-
	14.04.2019	Sunday

Week 15	15.04.2019	-
	16.04.2019	
	17.04.2019	Mahaveer Jayanti
	18.04.2019	Revision - <i>Funaria</i>
	19.04.2019	-
	20.04.2019	-
	21.04.2019	Sunday
Week 16	22.04.2019	-
	23.04.2019	-
	24.04.2019	Revision- <i>Rhynia, Equisetum</i>
	25.04.2019	Revision – <i>Selaginella, Pteris</i>
	26.04.2019	-
	27.04.2019	-
	28.04.2019	Sunday
Week 17	29.04.2019	-
	30.04.2019	-

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor: Dr. Radhika

Class & Section: B. Sc. Pass (Medical) 2nd Sem Sec B

Subject: Genetics

	Date	Topics to be covered
Week 1	01.01.2019	Genetic Material: DNA - the genetic material, DNA structure
	02.01.2019	Genetic Material: DNA - the genetic material, DNA structure
	03.01.2019	-
	04.01.2019	-
	05.01.2019	-
	06.01.2019	Sunday
	07.01.2019	Replication
Week 2	08.01.2019	Replication
	09.01.2019	DNA-Protein interaction
	10.01.2019	-
	11.01.2019	-
	12.01.2019	-
	13.01.2019	sunday
	14.01.2019	The Nucleosome Model
Week 3	15.01.2019	Genetic Code
	16.01.2019	Satellite and Repetitive DNA
	17.01.2019	-
	18.01.2019	-
	19.01.2019	-
	20.01.2019	Sunday
	21.01.2019	Assignment on replication of DNA
Week 4	22.01.2019	Test: Unit I
	23.01.2019	Mendelism: Laws of Segregation
	24.01.2019	-
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day

	27.01.2019	Sunday
	28.01.2019	Mendelism: Independent Assortment
Week 5	29.01.2019	Linkage Analysis
	30.01.2019	Linkage Analysis
	31.01.2019	-
	01.02.2019	-
	02.02.2019	-
	03.02.2019	Sunday
	04.02.2019	Allelic and non-allelic interactions
Week 6	05.02.2019	Assignment on mendelism
	06.02.2019	Test: Unit II
	07.02.2019	-
	08.02.2019	-
	09.02.2019	-
	10.02.2019	Sunday
	11.02.2019	Presence and function of Mitochondrial DNA
Week 7	12.02.2019	Presence and function of Plastid DNA
	13.02.2019	Plasmids
	14.02.2019	-
	15.02.2019	-
	16.02.2019	-
	17.02.2019	Sunday
	18.02.2019	Mutations - spontaneous and induced
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	Mutations - spontaneous and induced
	21.02.2019	-
	22.02.2019	-
	23.02.2019	-
	24.02.2019	Sunday
	25.02.2019	Transposable genetic elements
Week 9	26.02.2019	Transposable genetic elements
	27.02.2019	DNA damage and repair
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	-
	02.03.2019	-

	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	DNA damage and repair
	06.03.2019	DNA damage and repair
	07.03.2019	-
	08.03.2019	-
	09.03.2019	-
	10.03.2019	Sunday
	11.03.2019	Assignment on mutations
Week 11	12.03.2019	Test: Unit III
	13.03.2019	Modern concept of gene
	14.03.2019	-
	15.03.2019	-
	16.03.2019	-
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	RNA
	26.03.2019	Ribosomes
	27.03.2019	transcription
	28.03.2019	-
	29.03.2019	-
	30.03.2019	-
	31.03.2019	Sunday
Week 13	01.04.2019	transcription
	02.04.2019	translation
	03.04.2019	translation
	04.04.2019	-
	05.04.2019	-
	06.04.2019	-
	07.04.2019	Sunday
Week 14	08.04.2019	Structure of proteins
	09.04.2019	Structure of proteins
	10.04.2019	Regulation of gene expression in prokaryotes
	11.04.2019	-
	12.04.2019	-

	13.04.2019	-
	14.04.2019	Sunday
Week 15	15.04.2019	Regulation of gene expression in prokaryotes
	16.04.2019	Regulation of gene expression in eukaryotes
	17.04.2019	Mahaveer Jayanti
	18.04.2019	-
	19.04.2019	-
	20.04.2019	-
	21.04.2019	Sunday
Week 16	22.04.2019	Regulation of gene expression in eukaryotes
	23.04.2019	Assignment on transcription and translation
	24.04.2019	Test: Unit IV
	25.04.2019	-
	26.04.2019	-
	27.04.2019	-
	28.04.2019	Sunday
Week 17	29.04.2019	Revision - transcription
	30.04.2019	Revision – gene regulation

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor: Dr. Radhika
Class & Section: B. Sc. Pass (Medical) 2nd Sem Sec B
Subject: Botany Practical Group 6 and 8

	Date	Topics to be covered
Week 1	01.01.2019	-
	02.01.2019	-
	03.01.2019	-
	04.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	05.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	06.01.2019	Sunday
	07.01.2019	-
Week 2	08.01.2019	-
	09.01.2019	-
	10.01.2019	-
	11.01.2019	Preparation of temporary slides (Mounting)- <i>Marchantia</i>
	12.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
	13.01.2019	Sunday
	14.01.2019	-
Week 3	15.01.2019	-
	16.01.2019	-
	17.01.2019	-
	18.01.2019	Preparation of temporary slides (Mounting)- <i>Anthoceros</i>
	19.01.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
	20.01.2019	Sunday
	21.01.2019	-
Week 4	22.01.2019	-
	23.01.2019	-
	24.01.2019	-
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	-

Week 5	29.01.2019	-
	30.01.2019	-
	31.01.2019	-
	01.02.2019	Preparation of temporary slides (Mounting)- <i>Funaria</i>
	02.02.2019	Preparation of temporary slides (Mounting)- <i>Rhynia</i>
	03.02.2019	Sunday
	04.02.2019	-
Week 6	05.02.2019	-
	06.02.2019	-
	07.02.2019	-
	08.02.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	09.02.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	10.02.2019	Sunday
	11.02.2019	-
Week 7	12.02.2019	-
	13.02.2019	-
	14.02.2019	-
	15.02.2019	Preparation of temporary slides (Mounting)- <i>Selaginella</i>
	16.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	17.02.2019	Sunday
	18.02.2019	-
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	-
	21.02.2019	-
	22.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	23.02.2019	Preparation of temporary slides (Mounting)- <i>Equisetum</i>
	24.02.2019	Sunday
	25.02.2019	-
Week 9	26.02.2019	-
	27.02.2019	-
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	02.03.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i>
	03.03.2019	Sunday
	04.03.2019	Shivratri

Week 10	05.03.2019	-
	06.03.2019	-
	07.03.2019	-
	08.03.2019	Preparation of temporary slides (Mounting)- <i>Pteris</i> -
	09.03.2019	Study the incomplete dominance
	10.03.2019	Sunday
	11.03.2019	-
Week 11	12.03.2019	-
	13.03.2019	-
	14.03.2019	-
	15.03.2019	Study the Mendel Monohybrid cross
	16.03.2019	Study the dihybrid cross
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	-
	26.03.2019	-
	27.03.2019	-
	28.03.2019	-
	29.03.2019	Study the Non- Allelic interactions
	30.03.2019	Study the supplementary gene
	31.03.2019	Sunday
Week 13	01.04.2019	-
	02.04.2019	-
	03.04.2019	-
	04.04.2019	-
	05.04.2019	Study the duplicate gene
	06.04.2019	Study the epistatic gene
	07.04.2019	Sunday
Week 14	08.04.2019	-
	09.04.2019	-
	10.04.2019	-
	11.04.2019	-
	12.04.2019	Study the recessive gene
	13.04.2019	Revision- <i>Marchantia</i>
	14.04.2019	Sunday

Week 15	15.04.2019	-
	16.04.2019	-
	17.04.2019	Mahaveer Jayanti
	18.04.2019	-
	19.04.2019	Revision- <i>Anthoceros</i>
	20.04.2019	Revision - <i>Funaria</i>
	21.04.2019	Sunday
Week 16	22.04.2019	-
	23.04.2019	-
	24.04.2019	-
	25.04.2019	-
	26.04.2019	Revision- <i>Rhynia, Equisetum</i>
	27.04.2019	Revision – <i>Selaginella, Pteris</i>
	28.04.2019	Sunday
Week 17	29.04.2019	-
	30.04.2019	-

Name of Asst/Associate Professor : Ms. Bhavana
Class & Section: B.Sc Medical 6th semester(A and B Section)
Subject: Utilization of Plants

	Date	Topics to be covered
Week 1	01.01.2019	Introduction to Utilization of plants.
	02.01.2019	Introduction to Utilization of plants.
	03.01.2019	
	04.01.2019	
	05.01.2019	
	06.01.2019	Sunday
	07.01.2019	Classification of food plants
Week 2	08.01.2019	Cereals ,small grains and millets
	09.01.2019	Legumes and nuts
	10.01.2019	
	11.01.2019	
	12.01.2019	
	13.01.2019	Sunday
	14.01.2019	Vegetables and fruits
Week 3	15.01.2019	Some important food plants :wheat- cultivation and harvesting , botanical characters and uses
	16.01.2019	Origin of bread wheat
	17.01.2019	
	18.01.2019	
	19.01.2019	
	20.01.2019	Sunday
	21.01.2019	Rice- cultivation and harvesting , botanical characters and uses
Week 4	22.01.2019	Maize-cultivation and harvesting , botanical characters and uses
	23.01.2019	Sugar cane- cultivation and harvesting , botanical characters and uses
	24.01.2019	
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	Potato- cultivation and harvesting , botanical characters and uses

Week 5	29.01.2019	Revision of above topic
	30.01.2019	Test of unit 1
	31.01.2019	
	01.02.2019	
	02.02.2019	
	03.02.2019	Sunday
	04.02.2019	Introduction of food adjuncts
Week 6	05.02.2019	Introduction to spices and list of species
	06.02.2019	Coriander and Asafoetida -Botanical description ,composition and uses
	07.02.2019	
	08.02.2019	
	09.02.2019	
	10.02.2019	Sunday
	11.02.2019	Ginger-botanical description, composition, uses
Week 7	12.02.2019	<i>Turmeric –botanical description, distribution, harvesting and processing, uses</i>
	13.02.2019	Clove-botanical description ,distribution ,preparation of cloves and uses
	14.02.2019	
	15.02.2019	
	16.02.2019	
	17.02.2019	Sunday
	18.02.2019	<i>Introduction to non alcoholic and alcoholic beverages</i>
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	Tea-distribution, botanical description, cultivation and harvesting ,composition and uses
	21.02.2019	
	22.02.2019	
	23.02.2019	
	24.02.2019	Sunday
	25.02.2019	Coffee-Distribution, Botanical description ,cultivation and harvesting,
Week 9	26.02.2019	Preparation of coffee, composition and uses
	27.02.2019	<i>Revision</i>
	28.02.2019	Maharishi Dayanand Saraswati Jayanti

	01.03.2019	
	02.03.2019	
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	Industrial plants and plant products
	06.03.2019	Vegetables oils-list of plants which yield fatty oils.
	07.03.2019	
	08.03.2019	
	09.03.2019	
	10.03.2019	Sunday
	11.03.2019	Ground nut oil- cultivation and harvesting, uses
Week 11	12.03.2019	Mustard oil and coconut oil-cultivation and harvesting, uses
	13.03.2019	Introduction to fibers and a list of some fiber yielding plants
	14.03.2019	
	15.03.2019	
	16.03.2019	
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	Cotton –Botanical characters, cultivation and harvesting and uses
	26.03.2019	Jute –distribution ,botanical characters , cultivation and harvesting, uses
	27.03.2019	Introduction to forest resources
	28.03.2019	
	29.03.2019	
	30.03.2019	
	31.03.2019	Sunday
Week 13	01.04.2019	Test of plant adjuncts
	02.04.2019	Fire wood and timber wood-structure of wood ,properties of wood ,seasoning of wood
	03.04.2019	Preservation of wood, products of wood and examples of timber wood
	04.04.2019	
	05.04.2019	
	06.04.2019	
	07.04.2019	Sunday

Week 14	08.04.2019	Bamboos-introduction and uses of bamboos
	09.04.2019	Rubber- introduction ,rubber yielding plants
	10.04.2019	Extraction and processing of commercial plants, uses.
	11.04.2019	
	12.04.2019	
	13.04.2019	
	14.04.2019	Sunday
Week 15	15.04.2019	Doubt class of above topic
	16.04.2019	Revision
	17.04.2019	Mahaveer Jayanti
	18.04.2019	
	19.04.2019	
	20.04.2019	
	21.04.2019	Sunday
Week 16	22.04.2019	Introduction to medicinal plants
	23.04.2019	Cinchona and Rauvolfia-Botanical description ,distribution ,drugs and its properties
	24.04.2019	Opium and belladonna –Botanical description and drugs and its uses
	25.04.2019	
	26.04.2019	
	27.04.2019	
	28.04.2019	Sunday
	Week 17	29.04.2019
30.04.2019		Revision

K.L Mehta Dayanand College For Women, Faridabad

Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Ms. Bhavana
Class & Section: B.Sc 3rd year (6th sem) Group A,B,C
Subject: Botany Practical

	Date	Topics to be covered
Week 1	01.01.2019	General introduction and Syllabus of practical for group A
	02.01.2019	To perform an experiment for Gp B. Determination of peroxidase activity.
	03.01.2019	To perform an experiment for Gp B. Determination of peroxidase activity
	04.01.2019	To perform an experiment for Gp C. Determination of peroxidase activity
	05.01.2019	To perform an experiment for Gp C. Determination of peroxidase activity
	06.01.2019	Sunday
	07.01.2019	Demonstration of Anaerobic respiration .Students to perform this expt. Gp A
Week 2	08.01.2019	Demonstration of Anaerobic respiration .Students to perform this expt. Gp A
	09.01.2019	Demonstration of Anaerobic respiration .Students to perform this expt. Gp B
	10.01.2019	Demonstration of Anaerobic respiration .Students to perform this expt. Gp B
	11.01.2019	Demonstration of Anaerobic respiration .Students to perform this expt. Gp C
	12.01.2019	Demonstration of Anaerobic respiration .Students to perform this expt. Gp C
	13.01.2019	sunday
	14.01.2019	To demonstrate an expt.to show anaerobic respiration GpA
Week 3	15.01.2019	To demonstrate an expt.to show anaerobic respiration GpA
	16.01.2019	To demonstrate an expt.to show anaerobic respiration GpB

	17.01.2019	To demonstrate an expt.to show anaerobic respiration GpB
	18.01.2019	To demonstrate an expt.to show anaerobic respiration GpC
	19.01.2019	To demonstrate an expt.to show anaerobic respiration GpC
	20.01.2019	Sunday
	21.01.2019	To perform an expt. To show that heat is evolved during Respiration GpA
Week 4	22.01.2019	To perform an expt. To show that heat is evolved during Respiration GpA
	23.01.2019	To perform an expt. To show that heat is evolved during Respiration GpB
	24.01.2019	To perform an expt. To show that heat is evolved during Respiration GpB
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	To perform simple test for determination of carbohydrates (monosacc;disaccarides)and starch GpA
Week 5	29.01.2019	To perform simple test for determination of carbohydrates (monosacc;disaccarides)and starch GpB
	30.01.2019	To perform simple test for determination of carbohydrates (monosacc;disaccarides)and starch GpB
	31.01.2019	To perform simple test for determination of carbohydrates (monosacc;disaccarides)and starch GpC
	01.02.2019	To perform simple test for determination of carbohydrates (monosacc;disaccarides)and starch Gp C
	02.02.2019	To perform an expt to show that heat ids evolved during respiration.
	03.02.2019	Sunday
	04.02.2019	To perform an expt for detection of proteins and fats.Gp A
Week 6	05.02.2019	To perform an expt for detection of proteins and fats.Gp A

	06.02.2019	To perform an expt for detection of proteins and fats. Gp B
	07.02.2019	To perform an expt for detection of proteins and fats. Gp B
	08.02.2019	To perform an expt for detection of proteins and fats. Gp C
	09.02.2019	To perform an expt for detection of proteins and fats. Gp C
	10.02.2019	Sunday
	11.02.2019	To study plants of Rice, Wheat, Maize from their economic importance point of view. Gp A
Week 7	12.02.2019	To study plants of Rice, Wheat, Maize from their economic importance point of view. Gp A
	13.02.2019	To study plants of Rice, Wheat, Maize from their economic importance point of view. Gp B
	14.02.2019	To study plants of Rice, Wheat, Maize from their economic importance point of view. Gp B
	15.02.2019	To study plants of Rice, Wheat, Maize from their economic importance point of view. Gp C
	16.02.2019	To study plants of Rice, Wheat, Maize from their economic importance point of view. Gp C
	17.02.2019	Sunday
	18.02.2019	To study pulses , their parts , from the economic importance point of view Gp A
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	To study pulses , their parts , from the economic importance point of view Gp B
	21.02.2019	To study pulses , their parts , from the economic importance point of view Gp B
	22.02.2019	To study pulses , their parts , from the economic importance point of view Gp C
	23.02.2019	To study pulses , their parts , from the economic importance point of view Gp C
	24.02.2019	Sunday
	25.02.2019	To study vegetables (Potato , Tomato and Onion) Gp A
Week 9	26.02.2019	To study vegetables (Potato , Tomato and Onion) Gp A

	27.02.2019	To study vegetables (Potato , Tomato and Onion) Gp B
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	To study vegetables (Potato , Tomato and Onion) Gp C
	02.03.2019	To study vegetables (Potato , Tomato and Onion) Gp C
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	To study fibers and oils from their anatomical ,morphological and economic importance point of view Gp A
	06.03.2019	To study fibers and oils from their anatomical ,morphological and economic importance point of view Gp B
	07.03.2019	To study fibers and oils from their anatomical ,morphological and economic importance point of view Gp B
	08.03.2019	To study fibers and oils from their anatomical ,morphological and economic importance point of view Gp C
	09.03.2019	To study fibers and oils from their anatomical ,morphological and economic importance point of view Gp C
	10.03.2019	Sunday
	11.03.2019	Morphological of parts uses of Spices and Medicinal Plants. Gp A
Week 11	12.03.2019	Morphological of parts uses of Spices and Medicinal Plants. Gp A
	13.03.2019	Morphological of parts uses of Spices and Medicinal Plants. Gp B
	14.03.2019	Morphological of parts uses of Spices and Medicinal Plants. Gp B
	15.03.2019	Morphological of parts uses of Spices and Medicinal Plants. Gp C
	16.03.2019	Morphological of parts uses of Spices and Medicinal Plants. Gp C
	17.03.2019	Sunday

Week 12	25.03.2019	To study morphological, structural aspect and uses of Tea, Coffee, and Rubber. Gp A
	26.03.2019	To study morphological, structural aspect and uses of Tea, Coffee, and Rubber. Gp A
	27.03.2019	To study morphological, structural aspect and uses of Tea, Coffee, and Rubber. Gp B
	28.03.2019	To study morphological, structural aspect and uses of Tea, Coffee, and Rubber. Gp B
	29.03.2019	To study morphological, structural aspect and uses of Tea, Coffee, and Rubber. Gp C
	30.03.2019	To study morphological, structural aspect and uses of Tea, Coffee, and Rubber. Gp C
	31.03.2019	Sunday
Week 13	01.04.2019	Economic importance and structure of sugarcane. Gp A
	02.04.2019	Economic importance and structure of sugarcane. Gp A
	03.04.2019	Economic importance and structure of sugarcane. Gp B
	04.04.2019	Economic importance and structure of sugarcane. Gp B
	05.04.2019	Economic importance and structure of sugarcane. Gp C
	06.04.2019	Economic importance and structure of sugarcane. Gp C
	07.04.2019	Sunday
Week 14	08.04.2019	Economic importance, morphology and structure of sugarcane and to prepare tissue culture medium. Gp A
	09.04.2019	Economic importance, morphology and structure of sugarcane and to prepare tissue culture medium. Gp A
	10.04.2019	Economic importance, morphology and structure of sugarcane and to prepare tissue culture medium. Gp B
	11.04.2019	Economic importance, morphology and structure of sugarcane and to prepare tissue culture medium. Gp B
	12.04.2019	Economic importance, morphology and structure of sugarcane and to prepare tissue culture medium. Gp C
	13.04.2019	Economic importance, morphology and structure of

		sugarcane and to prepare tissue culture medium. Gp C
	14.04.2019	Sunday
Week 15	15.04.2019	To study sterilization techniques , Demonstration of Anther culture GpA
	16.04.2019	To study sterilization techniques , Demonstration of Anther culture GpA
	17.04.2019	Mahaveer Jayanti
	18.04.2019	To study sterilization techniques , Demonstration of Anther culture GpB
	19.04.2019	To study sterilization techniques , Demonstration of Anther culture GpC
	20.04.2019	To study sterilization techniques , Demonstration of Anther culture GpC
	21.04.2019	Sunday
Week 16	22.04.2019	Experiment on callus formation +Revision &MOCK TEST GpA
	23.04.2019	Experiment on callus formation +Revision &MOCK TEST GpA
	24.04.2019	Experiment on callus formation +Revision &MOCK TEST GpB
	25.04.2019	Experiment on callus formation +Revision &MOCK TEST GpB
	26.04.2019	Experiment on callus formation +Revision &MOCK TEST GpC
	27.04.2019	Experiment on callus formation +Revision &MOCK TEST GpC
	28.04.2019	Sunday
Week 17	29.04.2019	Revision / Test
	30.04.2019	Revision / Test

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Ms. Khushboo Singla
Class & Section: B.Sc Medical 2nd yr (4th sem) & sec A and B
Subject: Biology and Diversity of Seed Plants - II

	Date	Topics to be covered
Week 1	01.01.2019	<ul style="list-style-type: none"> • Angiosperms taxonomy • System of classification
	02.01.2019	Systematic: aims and fundamental components
	03.01.2019	Modern trends in plant taxonomy- chemotaxonomy
	04.01.2019	Chemotaxonomy
	05.01.2019	Cytotaxonomy –numerical taxonomy
	06.01.2019	Sunday
	07.01.2019	Numerical taxonomy
Week 2	08.01.2019	Binomial nomenclature-principles and rule
	09.01.2019	Modern trends in plant taxonomy Biological keys
	10.01.2019	herbarium botanical garden, literature
	11.01.2019	indented keys
	12.01.2019	bracketed keys
	13.01.2019	sunday
	14.01.2019	phylogeny of angiosperms- evidences
Week 3	15.01.2019	possible ancestors of angiosperms
	16.01.2019	flower terminology
	17.01.2019	flower terminology
	18.01.2019	Inflorescence
	19.01.2019	placentation-types
	20.01.2019	Sunday
	21.01.2019	inflorescence-types
Week 4	22.01.2019	special types of inflorescence
	23.01.2019	Test
	24.01.2019	Test

	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	Bentham and Hooker system of classification
Week 5	29.01.2019	Bentham and Hooker system of classification
	30.01.2019	Engler and Prantl of classification
	31.01.2019	Engler and Prantl of classification
	01.02.2019	Description of an angiospermic plant
	02.02.2019	Important Families of Angiosperms
	03.02.2019	Sunday
	04.02.2019	Ranunculaceae
Week 6	05.02.2019	Rannunculaceae
	06.02.2019	Brassicaceae
	07.02.2019	Brassicaceae
	08.02.2019	Malvaceae
	09.02.2019	Malvaceae
	10.02.2019	Sunday
	11.02.2019	Rutaceae
Week 7	12.02.2019	Rutaceae
	13.02.2019	<i>Fabaceae</i>
	14.02.2019	Fabaceae
	15.02.2019	Assignment I
	16.02.2019	Assignment I
	17.02.2019	Sunday
	18.02.2019	<i>Apiaceae</i>
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	Apiaceae
	21.02.2019	Asteraceae
	22.02.2019	Asteraceae
	23.02.2019	Asclepiadaceae
	24.02.2019	Sunday
	25.02.2019	Test
Week 9	26.02.2019	Asclepiadaceae
	27.02.2019	Test
	28.02.2019	Maharishi Dayanand Saraswati Jayanti

	01.03.2019	Solanaceae
	02.03.2019	Solanaceae
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	Lamiaceae
	06.03.2019	Lamiaceae
	07.03.2019	<i>Euphorbiaceae</i>
	08.03.2019	Euphorbiaceae
	09.03.2019	Liliaceae
	10.03.2019	Sunday
	11.03.2019	Liliaceae
Week 11	12.03.2019	Poaceae
	13.03.2019	<i>Poaceae</i>
	14.03.2019	Economic importance of families
	15.03.2019	Type study of family Brassicaceae
	16.03.2019	Type study of family Malvaceae
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	Assignment II
	26.03.2019	Assignment II
	27.03.2019	Type study of family Euphorbiaceae
	28.03.2019	Type study of family Solanaceae
	29.03.2019	Test
	30.03.2019	Test
	31.03.2019	Sunday
Week 13	01.04.2019	Type study of family fabaceae
	02.04.2019	Type study of family fabaceae
	03.04.2019	Type study of family Compositae
	04.04.2019	Type study of family Liliaceae
	05.04.2019	Type study of family Apiaceae
	06.04.2019	Type study of family Solanaceae
	07.04.2019	Sunday
Week 14	08.04.2019	Type study of family Cucurbitaceae
	09.04.2019	Type study of family Cucurbitaceae
	10.04.2019	MCQ Test

	11.04.2019	MCQ Test
	12.04.2019	Floral formula
	13.04.2019	Floral formula
	14.04.2019	Sunday
Week 15	15.04.2019	Floral diagrams concept
	16.04.2019	Floral diagrams concept
	17.04.2019	Mahaveer Jayanti
	18.04.2019	Doubts related to complete syllabus
	19.04.2019	Doubts related to complete syllabus
	20.04.2019	Doubts related to complete syllabus
	21.04.2019	Sunday
Week 16	22.04.2019	Revision
	23.04.2019	Revision
	24.04.2019	Revision
	25.04.2019	Revision
	26.04.2019	Revision
	27.04.2019	Revision
	28.04.2019	Sunday
Week 17	29.04.2019	Test
	30.04.2019	Test

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor :Ms. Khushboo Singla/Dr. Shipra jha
Class & Section: B.Sc medical 2ND YR (4th sem GP A & B)
Subject: Diversity of seed plants –II & Plant Embryology

	Date	Topics to be covered
Week 1	01.01.2019	<i>Study the Angiospermic family</i>
	02.01.2019	Ranunculaceae
	03.01.2019	Ranunculaceae
	04.01.2019	Ranunculaceae
	05.01.2019	Brassicaceae
	06.01.2019	Sunday
	07.01.2019	Brassicaceae
Week 2	08.01.2019	Brassicaceae
	09.01.2019	Malvaceae
	10.01.2019	Malvaceae
	11.01.2019	Malvaceae
	12.01.2019	Rutaceae
	13.01.2019	sunday
	14.01.2019	Rutaceae
Week 3	15.01.2019	Rutaceae
	16.01.2019	Leguminosae
	17.01.2019	Leguminosae
	18.01.2019	Leguminosae
	19.01.2019	Apiaceae
	20.01.2019	Sunday
	21.01.2019	Apiaceae
Week 4	22.01.2019	Apiaceae
	23.01.2019	Asteraceae
	24.01.2019	Asteraceae
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday

	28.01.2019	Asteraceae
Week 5	29.01.2019	Asclepiadaceae
	30.01.2019	Asclepiadaceae
	31.01.2019	Asclepiadaceae
	01.02.2019	Lamiaceae
	02.02.2019	Lamiaceae
	03.02.2019	Sunday
	04.02.2019	Lamiaceae
Week 6	05.02.2019	Solanaceae
	06.02.2019	Solanaceae
	07.02.2019	Solanaceae
	08.02.2019	Liliaceae
	09.02.2019	Liliaceae
	10.02.2019	Sunday
	11.02.2019	Liliaceae
Week 7	12.02.2019	Poaceae
	13.02.2019	Poaceae
	14.02.2019	Poaceae
	15.02.2019	Cucurbitaceae
	16.02.2019	Cucurbitaceae
	17.02.2019	Sunday
	18.02.2019	Cucurbitaceae
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	Euphorbiaceae
	21.02.2019	Euphorbiaceae
	22.02.2019	Euphorbiaceae
	23.02.2019	Euphorbiaceae
	24.02.2019	Sunday
	25.02.2019	Study the embryology of Angiospermic family
Week 9	26.02.2019	• T.S. Young Anthers
	27.02.2019	• T.S. Young Anthers
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	• T.S. Young Anthers
	02.03.2019	• T.S. Mature Anther
	03.03.2019	Sunday

	04.03.2019	Shivratri
Week 10	05.03.2019	• T.S. Mature Anthers
	06.03.2019	• T.S. Mature Anthers
	07.03.2019	<i>Study the Dissected out Globular shaped embryo</i>
	08.03.2019	<i>Study the Dissected out Globular shaped embryo</i>
	09.03.2019	<i>Study the Dissected out Globular shaped embryo</i>
	10.03.2019	Sunday
	11.03.2019	<i>Study the Dissected out Heart shaped embryo</i>
Week 11	12.03.2019	<i>Study the Dissected out Heart shaped embryo</i>
	13.03.2019	<i>Study the Dissected out Heart shaped embryo</i>
	14.03.2019	Study Types of Ovules
	15.03.2019	Study Types of Ovules
	16.03.2019	Study Types of Ovules
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	Germination of Pollen grains
	26.03.2019	Germination of Pollen grains
	27.03.2019	Germination of Pollen grains
	28.03.2019	Study Different types of Endosperm – Nuclear
	29.03.2019	Study Different types of Endosperm- Nuclear
	30.03.2019	Study Different types of Endosperm - Nuclear
	31.03.2019	Sunday
Week 13	01.04.2019	Study Different types of Endosperm – Cellular
	02.04.2019	Study Different types of Endosperm – Cellular
	03.04.2019	Study Different types of Endosperm – Cellular
	04.04.2019	Study Different types of Endosperm – Helobial
	05.04.2019	Study Different types of Endosperm – Helobial
	06.04.2019	Study Different types of Endosperm – Helobial
	07.04.2019	Sunday
Week 14	08.04.2019	complete file work
	09.04.2019	complete file work
	10.04.2019	complete file work
	11.04.2019	complete file work
	12.04.2019	complete file work
	13.04.2019	complete file work

	14.04.2019	Sunday
Week 15	15.04.2019	Practice for identification spot
	16.04.2019	Practice for identification spot
	17.04.2019	Practice for identification spot
	18.04.2019	Practice for identification spot
	19.04.2019	Practice for identification spot
	20.04.2019	Practice for identification spot
	21.04.2019	Sunday
Week 16	22.04.2019	Discussion
	23.04.2019	Discussion
	24.04.2019	Discussion
	25.04.2019	Discussion
	26.04.2019	Discussion
	27.04.2019	Discussion
	28.04.2019	Sunday
Week 17	29.04.2019	Revision
	30.04.2019	Revision

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Ms. Priyanka Bhardwaj
Class & Section: Bsc (1st year)Medical & B
Subject: Inorganic chemistry

	Date	Topics to be covered
Week 1	01.01.2019	
	02.01.2019	
	03.01.2019	
	04.01.2019	Hydrogen bonding , - definition , types , effect of hydrogen bonding on properties of substances
	05.01.2019	<u>Application brief discussion of various types of Vander waal's forces</u>
	06.01.2019	Sunday
	07.01.2019	
Week 2	08.01.2019	
	09.01.2019	
	10.01.2019	
	11.01.2019	Revision
	12.01.2019	<u>Class test</u>
	13.01.2019	sunday
	14.01.2019	
Week 3	15.01.2019	
	16.01.2019	
	17.01.2019	
	18.01.2019	Metallic bond- brief introduction to metallic bond , band theory of of metallic bond
	19.01.2019	<u>Semiconductors- Introduction , types , and applications</u>
	20.01.2019	Sunday
	21.01.2019	
Week 4	22.01.2019	
	23.01.2019	

	24.01.2019	
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	
Week 5	29.01.2019	
	30.01.2019	
	31.01.2019	
	01.02.2019	<u>Revision</u>
	02.02.2019	<u>Comparative study of elements including, diagonal relationship, sailent features of hydrides, solvation</u>
	03.02.2019	Sunday
	04.02.2019	
Week 6	05.02.2019	
	06.02.2019	
	07.02.2019	
	08.02.2019	Complexation tendencies including their functions in biosystems
	09.02.2019	<u>Chemical properties of Noble gases with emphasis on their low reactivity , chemistry of xenon , structure and bonding of florides , oxides and oxyfluorides of xenon</u>
	10.02.2019	Sunday
	11.02.2019	
Week 7	12.02.2019	
	13.02.2019	
	14.02.2019	
	15.02.2019	Revision
	16.02.2019	<u>Emphasis on comparative study of properties of p – block elements (including diagnal relationship and excluding methods of preparation)</u>
	17.02.2019	Sunday
	18.02.2019	
Week 8	19.02.2019	Guru RavidasJayanti
	20.02.2019	

	21.02.2019	
	22.02.2019	Diborane – properties and structure , borazene-chemical properties and structure trihalides of borone
	23.02.2019	<u>Trends in Lewis acid character , structure of aluminumchloride (3)</u>
	24.02.2019	Sunday
	25.02.2019	
Week 9	26.02.2019	
	27.02.2019	
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	Catenation , $p\pi-d\pi$ bonding , carbides
	02.03.2019	<u>Fluorocarbon s silicates</u>
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	
	06.03.2019	
	07.03.2019	
	08.03.2019	Oxides of nitrogen , P , oxyacids – structure and acid strength , structure of white , red and yellow oxygen family
	09.03.2019	<u>Revision</u>
	10.03.2019	Sunday
	11.03.2019	
Week 11	12.03.2019	
	13.03.2019	
	14.03.2019	
	15.03.2019	Oxoacides of sulphur , structure of sulphur , structure and acid strength , H ₂ O ₂ , it's structure , properties and it's uses
	16.03.2019	<u>Revision</u>
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	
	26.03.2019	
	27.03.2019	

	28.03.2019	
	29.03.2019	<u>Basic properties of halogens</u>
	30.03.2019	Basic properties of inter halogens , hydro and oxyfluorides acids of chlorine
	31.03.2019	Sunday
Week 13	01.04.2019	
	02.04.2019	
	03.04.2019	
	04.04.2019	
	05.04.2019	<u>Revision</u>
	06.04.2019	Presentation
	07.04.2019	Sunday
Week 14	08.04.2019	
	09.04.2019	
	10.04.2019	
	11.04.2019	
	12.04.2019	<u>Revision</u>
	13.04.2019	Doubts
	14.04.2019	Sunday
Week 15	15.04.2019	
	16.04.2019	
	17.04.2019	MahaveerJayanti
	18.04.2019	
	19.04.2019	
	20.04.2019	
	21.04.2019	Sunday
Week 16	22.04.2019	
	23.04.2019	
	24.04.2019	
	25.04.2019	
	26.04.2019	<u>Presentation</u>
	27.04.2019	Revision
	28.04.2019	Sunday
Week 17	29.04.2019	
	30.04.2019	

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor :Ms. POORNIMA KAMBOJ

Class & Section: B.Sc MEDICAL 3 YR SEC B

Subject: PHYSICAL CHEMISTRY

	Date	Topics to be covered
Week 1	01.01.2019, TUE	
	02.01.2019 WED	
	03.01.2019 THU	
	04.01.2019 FRI	Electronic Spectrum : Concept of potential energy curves for antibonding or bonding molecular orbital, qualitative description of selection rule, Frank condon principle, sigma or pi molecular orbital
	05.01.2019 SAT	Photochemistry : Interaction of radiation with matter ,difference between thermal and photochemical process , laws of photochemistry
	06.01.2019	Sunday
	07.01.2019 MON	
Week 2	08.01.2019 TUE	
	09.01.2019 WED	
	10.01.2019 THU	
	11.01.2019 FRI	Drapper laws ,stark Einstein law and jablonski diagram
	12.01.2019 SAT	Qualitative description of fluorescence ,phosphorescence ,non radiative process, Quantum yield
	13.01.2019	Sunday
	14.01.2019 MON	

Week 3	15.01.2019 TUE	
	16.01.2019 WED	
	17.01.2019 THU	
	18.01.2019 FRI	Photosensitized reactions- transfer process ,
	19.01.2019 SAT	Dilute Solution and Colligative Properties: Ideal and non ideal solution, dilute solution Methods of concentration of solution ,activity and its coefficient
	20.01.2019	Sunday
	21.01.2019 MON	
Week 4	22.01.2019 TUE	
	23.01.2019 WED	
	24.01.2019 THURS	
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019 MON	
Week 5	29.01.2019 TUE	
	30.01.2019 WED	
	31.01.2019 THURS	
	01.02.2019 FRI	Colligative properties ,Raoults law
	02.02.2019 SAT	Relative lowering of vapour pressure, Molecular weight determination
	03.02.2019	Sunday
	04.02.2019	

	MON	
Week 6	05.02.2019 TUE	
	06.02.2019 WED	
	07.02.2019 THU	
	08.02.2019 FRI	TEST:Photochemistry and assignment
	09.02.2019 SAT	Osmosis law of osmotic pressure and its measurement ,determination of molecular weight from osmotic pressure
	10.02.2019	Sunday
	11.02.2019 MON	
	12.02.2019 TUE	
Week 7	13.02.2019 WED	
	14.02.2019 THU	
	15.02.2019	Elevation in boiling point and depression in freezing point
	16.02.2019	Thermodyanmic derivation of relation between molecular weight and elevation in boiling point
	17.02.2019	Sunday
	18.02.2019 M	
	19.02.2019 TUE	Guru Ravidas Jayanti
Week 8	20.02.2019 WED	
	21.02.2019 THU	
	22.02.2019	Depression in freezing point , Experimental methods for determining various colligative properties
	23.02.2019	Abnormal molar mass , degree of dissociation ,
	24.02.2019	Sunday
	25.02.2019	

	MON	
Week 9	26.02.2019 TUE	
	27.02.2018 WED	
	28.02.2019 THU	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	Degree of association of solutes
	02.03.2019	TEST: Colligative properties and assignment
	03.03.2019	Sunday
	04.03.2019 MON	Shivratri
	Week 10	05.03.2019 TUE
06.03.2019 WED		
07.03.2019 THU		
08.03.2019 FRI		Phase Equilibrium : statement and meaning of the trem phase component
09.03.2019		Degree of freedom , thermodynamic derivation , Gibbs phase rule
10.03.2019		Sunday
11.03.2019 MON		
Week 11	12.03.2019 TUE	
	13.03.2019 WED	
	14.03.2019 THU	
	15.03.2019	Phase equilibria of one component system, Water and sulphur system
	16.03.2019	Phase equilibria of two component system solid-liquid equilibria
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week	25.03.2019	

12	MON	
	26.03.2019	
	TUE	
	27.03.2019	
	WED	
	28.03.2019	
	THU	
	29.03.2019	Desilverisation of lead
	30.03.2019	TEST: Phase equilibrium and assignment
	31.03.2019	Sunday
Week 13	01.04.2019	
	MON	
	02.04.2019	
	TUE	
	03.04.2019	
	WED	
	04.04.2019	
	05.04.2019	REVISION
	06.04.2019	REVISION
	07.04.2019	Sunday
Week 14	08.04.2019	
	MON	
	09.04.2019	
	TUE	
	10.04.2019	
	WED	
	11.04.2019	
	12.04.2019	REVISION
	13.04.2019	REVISION
	14.04.2019	Sunday
Week 15	15.04.2019	
	16.04.2019	
	17.04.2019	Mahaveer Jayanti
	18.04.2019	

	THU	
	19.04.2019	REVISION
	20.04.2019	REVISION
	21.04.2019	Sunday
Week 16	22.04.2019	
	23.04.2019	
	24.04.2019 WED	
	25.04.2019 THU	
	26.04.2019	REVISION
	27.04.2019	REVISION
	28.04.2019	Sunday
Week 17	29.04.2019	
	30.04.2019	

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Ms. POORNIMA KAMBOJ		
Class & Section: B.Sc MEDICAL 2 YR SEC A		
Subject: ORGANIC CHEMISTRY		
	Date	Topics to be covered
Week 1	01.01.2019	IR SPECTROSCOPY: Molecular vibrations, Hooke's law, selection rules, intensity and position of IR bands, measurement of IR spectrum,
	02.01.2019	
	03.01.2019	
	04.01.2019	
	05.01.2019	
	06.01.2019	Sunday
	07.01.2019	fingerprint region, characteristic absorptions of various functional groups and interpretation of IR spectra of simple organic compounds
Week 2	08.01.2019	Applications of IR spectroscopy in structure elucidation of simple organic compounds.
	09.01.2019	
	10.01.2019	
	11.01.2019	
	12.01.2019	
	13.01.2019	sunday
	14.01.2019	Test of IR spectroscopy and assignment
Week 3	15.01.2019	AMINES: Structure and nomenclature of amines, physical properties.
	16.01.2019	
	17.01.2019	
	18.01.2019	
	19.01.2019	
	20.01.2019	Sunday

	21.01.2019	Separation of a mixture of primary, secondary and tertiary amines, Structural features affecting basicity of amines.
Week 4	22.01.2019	Preparation of alkyl and aryl amines (reduction of nitro compounds, nitriles,
	23.01.2019	
	24.01.2019	
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	reductive amination of aldehydic and ketonic compounds.
Week 5	29.01.2019	Gabriel phthalimide reaction, Hofmann bromamide reaction.
	30.01.2019	
	31.01.2019	
	01.02.2019	
	02.02.2019	
	03.02.2019	Sunday
Week 6	04.02.2019	electrophilic aromatic substitution in aryl amines, reactions of amines with nitrous acid.
	05.02.2019	Test of amines
	06.02.2019	
	07.02.2019	
	08.02.2019	
	09.02.2019	
	10.02.2019	Sunday
11.02.2019	Discussion and assignment	
Week 7	12.02.2019	DIAZONIUM SALTS: Mechanism of diazotisation, structure of benzene diazoniumchloride,
	13.02.2019	
	14.02.2019	
	15.02.2019	
	16.02.2019	
	17.02.2019	Sunday
	18.02.2019	Replacement of diazo group by H, OH, F, Cl, Br, I, NO ₂ and CN

		groups,
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	
	21.02.2019	
	22.02.2019	
	23.02.2019	
	24.02.2019	Sunday
	25.02.2019	reduction of diazonium salts to hyrazines, coupling reaction and its synthetic application.
Week 9	26.02.2019	Test of diazonium salts and assignment
	27.02.2019	
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	
	02.03.2019	
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	NITRO COMPOUNDS: Preparation of nitro alkanes and nitro arenes and their chemical reactions.
	06.03.2019	
	07.03.2019	
	08.03.2019	
	09.03.2019	
	10.03.2019	Sunday
	11.03.2019	Mechanism of electrophilic substitution reactions in nitro arenes and their reductions in acidic, neutral and alkaline medium
Week 11	12.03.2019	Test of nitro compounds and assignment
	13.03.2019	
	14.03.2019	
	15.03.2019	
	16.03.2019	
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week	25.03.2019	ALDEHYDES AND KETONES: Nomenclature and structure of the

12		carbonyl group.
	26.03.2019	Synthesis of aldehydes and ketones with particular reference to the synthesis of aldehydes from acid chlorides,
	27.03.2019	
	28.03.2019	
	29.03.2019	
	30.03.2019	
	31.03.2019	Sunday
Week 13	01.04.2019	advantage of oxidation of alcohols with chromium trioxide (Sarett reagent) pyridinium chlorochromate (PCC) and pyridinium dichromate.,
	02.04.2019	Physical properties. Comparison of reactivities of aldehydes and ketones.
	03.04.2019	
	04.04.2019	
	05.04.2019	
	06.04.2019	
	07.04.2019	Sunday
Week 14	08.04.2019	Mechanism of nucleophilic additions to carbonyl group with particular emphasis on benzoin, aldol, Perkin and Knoevenagel condensations.
	09.04.2019	Condensation with ammonia and its derivatives. Wittig reaction.
	10.04.2019	
	11.04.2019	
	12.04.2019	
	13.04.2019	
	14.04.2019	Sunday
Week 15	15.04.2019	Mannich reaction. Oxidation of aldehydes, Baeyer–Villiger oxidation of ketones,
	16.04.2019	Cannizzaro reaction, MPV, Clemmensen, Wolff-Kishner, LiAlH ₄ and NaBH ₄ reductions.
	17.04.2019	Mahaveer Jayanti
	18.04.2019	

	19.04.2019	
	20.04.2019	
	21.04.2019	Sunday
Week 16	22.04.2019	Test and assignment
	23.04.2019	REVISION
	24.04.2019	
	25.04.2019	
	26.04.2019	
	27.04.2019	
	28.04.2019	Sunday
Week 17	29.04.2019	REVISION
	30.04.2019	REVISION

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Ms. POORNIMA KAMBOJ

Class & Section: B.Sc MEDICAL 3 YR SEC A

Subject: PHYSICAL CHEMISTRY

	Date	Topics to be covered
Week 1	01.01.2019, TUE	
	02.01.2019 WED	Electronic Spectrum : Concept of potential energy curves for antibonding or bonding molecular orbital, qualitative description of selection rule, Frank condon principle, sigma or pi molecular orbital
	03.01.2019 THU	Photochemistry : Interaction of radiation with matter ,difference between thermal and photochemical process , laws of photochemistry
	04.01.2019 FRI	
	05.01.2019 SAT	
	06.01.2019	Sunday
	07.01.2019 MON	
Week 2	08.01.2019 TUE	
	09.01.2019 WED	Drapper laws ,stark Einstein law and jablonski diagram
	10.01.2019 THU	Qualitative description of fluorescence ,phosphorescence ,non radiative process, Quantum yield
	11.01.2019 FRI	
	12.01.2019 SAT	
	13.01.2019	Sunday
	14.01.2019 MON	
Week 3	15.01.2019	

	TUE	
	16.01.2019	
	WED	Photosensitized reactions- transfer process ,
	17.01.2019	Dilute Solution and Colligative Properties: Ideal and non ideal solution, dilute solution
	THU	
	18.01.2019	
	FRI	
	19.01.2019	
	SAT	
	20.01.2019	Sunday
	21.01.2019	
	MON	
Week 4	22.01.2019	
	TUE	
	23.01.2019	Methods of concentration of solution ,activity and its coefficient
	WED	
	24.01.2019	Colligative properties ,Raoults law
	THURS	
	25.01.2019	Sir Chottu Ram Jayanti
26.01.2019	Republic day	
27.01.2019	Sunday	
28.01.2019		
MON		
Week 5	29.01.2019	
	TUE	
	30.01.2019	Relative lowering of vapour pressure, Molecular weight determination
	WED	
	31.01.2019	TEST:Photochemistry and assignment
	THURS	
	01.02.2019	
FRI		
02.02.2019		
SAT		
03.02.2019	Sunday	
04.02.2019		
MON		

Week 6	05.02.2019 TUE	
	06.02.2019 WED	Osmosis law of osmotic pressure and its measurement ,determination of molecular weight from osmotic pressure
	07.02.2019 THU	Elevation in boiling point and depression in freezing point
	08.02.2019 FRI	
	09.02.2019 SAT	
	10.02.2019	Sunday
	11.02.2019 MON	
Week 7	12.02.2019 TUE	
	13.02.2019 WED	Thermodyanmic derivation of relation between molecular weight and elevation in boiling point
	14.02.2019 THU	Depression in freezing point , Experimental methods for determining various colligative properties
	15.02.2019	
	16.02.2019	
	17.02.2019	Sunday
	18.02.2019 M	
Week 8	19.02.2019 TUE	Guru Ravidas Jayanti
	20.02.2019 WED	Abnormal molar mass , degree of dissociation
	21.02.2019 THU	Degree of association of solutes
	22.02.2019	
	23.02.2019	
	24.02.2019	Sunday
	25.02.2019 MON	
Week 9	26.02.2019	

	TUE	
	27.02.2019	TEST: Colligative properties and assignment
	WED	
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	THU	
	01.03.2019	
	02.03.2019	
	03.03.2019	Sunday
	04.03.2019	
	MON	Shivratri
Week 10	05.03.2019	
	TUE	
	06.03.2019	Phase Equilibrium : statement and meaning of the trem phase component
	WED	
	07.03.2019	Degree of freedom , thermodynamic derivation , Gibbs phase rule
	THU	
	08.03.2019	
	FRI	
	09.03.2019	
	10.03.2019	Sunday
	11.03.2019	
	MON	
Week 11	12.03.2019	
	TUE	
	13.03.2019	Phase equilibria of one component system, Water and sulphur system
	WED	
	14.03.2019	Phase equilibria of two component system solid-liquid equilibria
	THU	
	15.03.2019	
16.03.2019		
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	
	MON	
	26.03.2019	
	TUE	

	27.03.2019 WED	Desilverisation of lead
	28.03.2019 THU	TEST: Phase equilibrium and assignment
	29.03.2019	
	30.03.2019	
	31.03.2019	Sunday
Week 13	01.04.2019 MON	
	02.04.2019 TUE	
	03.04.2019 WED	REVISION
	04.04.2019 THU	REVISION
	05.04.2019	
	06.04.2019	
	07.04.2019	Sunday
Week 14	08.04.2019 MON	
	09.04.2019 TUE	
	10.04.2019 WED	REVISION
	11.04.2019 THU	REVISION
	12.04.2019	
	13.04.2019	
	14.04.2019	Sunday
Week 15	15.04.2019	
	16.04.2019	
	17.04.2019	Mahaveer Jayanti
	18.04.2019 THU	REVISION
	19.04.2019	
	20.04.2019	

	21.04.2019	Sunday
Week 16	22.04.2019	
	23.04.2019	
	24.04.2019 WED	REVISION
	25.04.2019 THU	REVISION
	26.04.2019	
	27.04.2019	
	28.04.2019	Sunday
	Week 17	29.04.2019
	30.04.2019	

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Ms. Komal Sharma

Class & Section: BSc- medical 6th sem (sec –B)

Subject: Organic Chemistry

	Date	Topics to be covered
Week 1	01.01.2019	Heterocyclic Compounds-I Introduction: Molecular orbital picture
	02.01.2019	
	03.01.2019	
	04.01.2019	
	05.01.2019	
	06.01.2019	Sunday
	07.01.2019	Aromatic characteristics of pyrrole, furan, thiophene and pyridine.
Week 2	08.01.2019	Methods of synthesis and chemical reactions with particular emphasis on the mechanism of electrophilic substitution.
	09.01.2019	
	10.01.2019	
	11.01.2019	
	12.01.2019	
	13.01.2019	sunday
	14.01.2019	Mechanism of nucleophilic substitution reactions in pyridine derivatives. Comparison of basicity of pyridine
Week 3	15.01.2019	Comparison of basicity of piperidine and pyrrole and assignment
	16.01.2019	
	17.01.2019	
	18.01.2019	
	19.01.2019	
	20.01.2019	Sunday
	21.01.2019	Heterocyclic Compounds-II Introduction to condensed five and six- membered heterocycles
Week 4	22.01.2019	Preparation and reactions of indole, quinoline and isoquinoline with special reference to Fisher

		indole synthesis,
	23.01.2019	
	24.01.2019	
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	<i>Test</i>
Week 5	29.01.2019	Skraup synthesis and Bischler-Napieralski synthesis. Mechanism of electrophilic substitution reactions of quinoline and isoquinoline
	30.01.2019	
	31.01.2019	
	01.02.2019	
	02.02.2019	
	03.02.2019	Sunday
	04.02.2019	Organosulphur Compounds Nomenclature, structural features, Methods of formation and chemical reactions of thiols,
Week 6	05.02.2019	structural features, Methods of formation and chemical reactions of thioethers, sulphonic acids, sulphonamides and sulphaguanidine.
	06.02.2019	
	07.02.2019	
	08.02.2019	
	09.02.2019	
	10.02.2019	Sunday
	11.02.2019	Synthetic detergents alkyl and aryl sulphonates.and assignment
Week 7	12.02.2019	Organic Synthesis via Enolates Acidity of alpha-hydrogens, alkylation of diethyl malonate and ethyl acetoacetate
	13.02.2019	
	14.02.2019	
	15.02.2019	
	16.02.2019	
	17.02.2019	Sunday

	18.02.2019	Synthesis of ethyl acetoacetate: the Claisen condensation.
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	
	21.02.2019	
	22.02.2019	
	23.02.2019	
	24.02.2019	Sunday
	25.02.2019	Keto-enol tautomerism of ethyl acetoacetate.
Week 9	26.02.2019	Test
	27.02.2019	
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	
	02.03.2019	
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	Synthetic Polymers Addition or chain-growth polymerization. Free radical vinyl polymerization, ionic vinyl polymerization, Ziegler-Natta polymerization and vinyl polymers.
	06.03.2019	
	07.03.2019	
	08.03.2019	
	09.03.2019	
	10.03.2019	Sunday
	11.03.2019	Condensation or step growth polymerization. Polyesters, polyamides, phenolformaldehyde resins, urea formaldehyde resins,
Week 11	12.03.2019	epoxy resins and polyurethanes, Natural and synthetic rubbers.
	13.03.2019	
	14.03.2019	
	15.03.2019	
	16.03.2019	
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week	25.03.2019	Amino Acids, Peptides & Proteins

12		Classification, of amino acids. Acid-base behavior, isoelectric point and electrophoresis
	26.03.2019	Assignment
	27.03.2019	
	28.03.2019	
	29.03.2019	
	30.03.2019	
	31.03.2019	Sunday
Week 13	01.04.2019	Preparation of alpha -amino acids. Structure and nomenclature of peptides and proteins
	02.04.2019	Classification of proteins. Peptide structure determination
	03.04.2019	
	04.04.2019	
	05.04.2019	
	06.04.2019	
	07.04.2019	Sunday
Week 14	08.04.2019	end group analysis, selective hydrolysis of peptides. Classical peptide synthesis
	09.04.2019	Test
	10.04.2019	
	11.04.2019	
	12.04.2019	
	13.04.2019	
	14.04.2019	Sunday
Week 15	15.04.2019	solid-phase peptide synthesis. Structures of peptides and proteins: Primary & Secondary structure
	16.04.2019	Revision
	17.04.2019	Mahaveer Jayanti
	18.04.2019	
	19.04.2019	
	20.04.2019	
	21.04.2019	Sunday
Week 16	22.04.2019	Problems practice
	23.04.2019	Test of whole syllabus
	24.04.2019	
	25.04.2019	

	26.04.2019	
	27.04.2019	
	28.04.2019	Sunday
Week	29.04.2019	Revision
17	30.04.2019	Revision

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Ms. Komal Sharma

Class & Section: BSc – medical (4th sem) sec-A

Subject: Physical Chemistry

	Date	Topics to be covered
Week 1	01.01.2019	
	02.01.2019	Thermodynamics-III:- Second law of thermodynamics, need for the law, different statements of the law,
	03.01.2019	Carnot's cycles and its efficiency, Carnot's theorem,
	04.01.2019	
	05.01.2019	
	06.01.2019	Sunday
	07.01.2019	
Week 2	08.01.2019	
	09.01.2019	Thermodynamic scale of temperature. Concept of entropy – entropy as a state function
	10.01.2019	Entropy as a function of V & T, entropy as a function of P & T, entropy change in physical change,
	11.01.2019	
	12.01.2019	
	13.01.2019	sunday
	14.01.2019	
Week 3	15.01.2019	
	16.01.2019	Entropy as a criteria of spontaneity and equilibrium.
	17.01.2019	Entropy change in ideal gases and mixing of gases.
	18.01.2019	
	19.01.2019	
	20.01.2019	Sunday
	21.01.2019	
Week 4	22.01.2019	
	23.01.2019	Assignment of previous topics and numerical problems
	24.01.2019	Thermodynamics-IV Third law of thermodynamics: Nernst heat theorem
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day

	27.01.2019	Sunday
	28.01.2019	
Week 5	29.01.2019	
	30.01.2019	Test of themodynamic (iii)
	31.01.2019	Statement of concept of residual entropy, evaluation of absolute entropy from heat capacity data
	01.02.2019	
	02.02.2019	
	03.02.2019	Sunday
	04.02.2019	
Week 6	05.02.2019	
	06.02.2019	Gibbs and Helmholtz functions; Gibbs function (G) and Helmholtz function (A) as thermodynamic quantities,
	07.02.2019	A & G as criteria for thermodynamic equilibrium and spontaneity, their advantage over entropy change
	08.02.2019	
	09.02.2019	
	10.02.2019	Sunday
	11.02.2019	
Week 7	12.02.2019	
	13.02.2019	Variation of G and A with P, V and T. and assignment
	14.02.2019	Test and numerical problem
	15.02.2019	
	16.02.2019	
	17.02.2019	Sunday
	18.02.2019	
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	Electrochemistry-III Electrolytic and Galvanic cells – reversible & Irreversible Cell
	21.02.2019	Conventional representation of electrochemical cells. EMF of cell and its measurement,
	22.02.2019	
	23.02.2019	
	24.02.2019	Sunday
	25.02.2019	

Week 9	26.02.2019	
	27.02.2019	Weston standard cell, activity and activity coefficients.
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	
	02.03.2019	
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	
	06.03.2019	Calculation of thermodynamic quantities of cell reaction (G,H & K). Types of reversible electrodes – metal-metal Ion, gas electrode,
	07.03.2019	metal –insoluble salt- anion and redox electrodes. Electrode reactions, Nernst equations,
	08.03.2019	
	09.03.2019	
	10.03.2019	Sunday
	11.03.2019	
Week 11	12.03.2019	
	13.03.2019	<i>Test</i>
	14.03.2019	Derivation of cell EMF and single electrode potential. Standard Hydrogen electrode,
	15.03.2019	
	16.03.2019	
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	
	26.03.2019	
	27.03.2019	Reference electrodes, standard electrodes potential, sign conventions, electrochemical series and its applications.
	28.03.2019	Assignment and numerical problems
	29.03.2019	
	30.03.2019	
	31.03.2019	Sunday
Week 13	01.04.2019	
	02.04.2019	
	03.04.2019	Electrochemistry-IV

		Concentration cells with transference
	04.04.2019	Concentration cells without transference
	05.04.2019	
	06.04.2019	
	07.04.2019	Sunday
Week 14	08.04.2019	
	09.04.2019	
	10.04.2019	liquid junction potential,application of EMF measurement i.e. valency of ions
	11.04.2019	Solubility product activity coefficient, potentiometric titration (acid- base and redox).
	12.04.2019	
	13.04.2019	
	14.04.2019	Sunday
Week 15	15.04.2019	
	16.04.2019	
	17.04.2019	Mahaveer Jayanti
	18.04.2019	Determination of pH using Hydrogen electrode,
	19.04.2019	
	20.04.2019	
	21.04.2019	Sunday
Week 16	22.04.2019	
	23.04.2019	
	24.04.2019	Quinhydrone electrode and glass electrode by potentiometric methods.
	25.04.2019	revision
	26.04.2019	
	27.04.2019	
	28.04.2019	Sunday
Week 17	29.04.2019	
	30.04.2019	

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Ms. Komal Sharma

Class & Section: BSc –medical (4th sem) sec-B

Subject: Physical Chemistry

	Date	Topics to be covered
Week 1	01.01.2019	
	02.01.2019	
	03.01.2019	
	04.01.2019	Thermodynamics-III:- Second law of thermodynamics, need for the law, different statements of the law,
	05.01.2019	Carnot's cycles and its efficiency, Carnot's theorem,
	06.01.2019	Sunday
	07.01.2019	
Week 2	08.01.2019	
	09.01.2019	
	10.01.2019	
	11.01.2019	Thermodynamic scale of temperature. Concept of entropy – entropy as a state function
	12.01.2019	Entropy as a function of V & T, entropy as a function of P & T, entropy change in physical change,
	13.01.2019	sunday
	14.01.2019	
Week 3	15.01.2019	
	16.01.2019	
	17.01.2019	
	18.01.2019	Entropy as a criteria of spontaneity and equilibrium. Entropy change in ideal gases and mixing of gases
	19.01.2019	Assignment of previous topics and numerical problems
	20.01.2019	Sunday
	21.01.2019	
Week 4	22.01.2019	
	23.01.2019	
	24.01.2019	
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day

	27.01.2019	Sunday
	28.01.2019	
Week 5	29.01.2019	
	30.01.2019	
	31.01.2019	
	01.02.2019	Thermodynamics-IV Third law of thermodynamics: Nernst heat theorem
	02.02.2019	Test of themodynamic (iii)
	03.02.2019	Sunday
	04.02.2019	
Week 6	05.02.2019	
	06.02.2019	
	07.02.2019	
	08.02.2019	Statement of concept of residual entropy, evaluation of absolute entropy from heat capacity data
	09.02.2019	Gibbs and Helmholtz functions; Gibbs function (G) and Helmholtz function (A) as thermodynamic quantities
	10.02.2019	Sunday
	11.02.2019	
Week 7	12.02.2019	
	13.02.2019	
	14.02.2019	
	15.02.2019	A & G as criteria for thermodynamic equilibrium and spontaneity, their advantage over entropy change
	16.02.2019	Variation of G and A with P, V and T and Assignment
	17.02.2019	
	18.02.2019	
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	
	21.02.2019	
	22.02.2019	Electrochemistry-III Electrolytic and Galvanic cells – reversible & Irreversible Cell
	23.02.2019	Conventional representation of electrochemical cells. EMF of cell and its measurement
	24.02.2019	Sunday
	25.02.2019	

Week 9	26.02.2019	
	27.02.2019	
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	Weston standard cell, activity and activity coefficients
	02.03.2019	Calculation of thermodynamic quantities of cell reaction (G,H & K). Types of reversible electrodes – metal-metal Ion, gas electrode
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	
	06.03.2019	
	07.03.2019	
	08.03.2019	Metal –insoluble salt- anion and redox electrodes. Electrode reactions, Nernst equations,
	09.03.2019	Test
	10.03.2019	Sunday
Week 11	11.03.2019	
	12.03.2019	
	13.03.2019	
	14.03.2019	
	15.03.2019	Derivation of cell EMF and single electrode potential. Standard Hydrogen electrode, Assignment
	16.03.2019	Reference electrodes, standard electrodes potential, sign conventions, electrochemical series and its applications.
	17.03.2019	Sunday
Week 12		Holi Vacations 17.03.19-24.03.2019
	25.03.2019	
	26.03.2019	
	27.03.2019	
	28.03.2019	
	29.03.2019	Electrochemistry-IV Concentration cells with transference
	30.03.2019	Concentration cells without transference
	31.03.2019	Sunday
Week 13	01.04.2019	
	02.04.2019	

	03.04.2019	
	04.04.2019	
	05.04.2019	Liquid junction potential,application of EMF, measurement i.e. valency of ions
	06.04.2019	Solubility product activity coefficient
	07.04.2019	Sunday
Week 14	08.04.2019	
	09.04.2019	
	10.04.2019	
	11.04.2019	
	12.04.2019	Potentiometric titration (acid- base and redox).
	13.04.2019	Determination of pH using Hydrogen electrode
	14.04.2019	Sunday
Week 15	15.04.2019	
	16.04.2019	
	17.04.2019	Mahaveer Jayanti
	18.04.2019	
	19.04.2019	Quinhydrone electrode and glass electrode by potentiometric methods
	20.04.2019	Assignment and test
	21.04.2019	Sunday
Week 16	22.04.2019	
	23.04.2019	
	24.04.2019	
	25.04.2019	
	26.04.2019	Revision
	27.04.2019	Revision
	28.04.2019	Sunday
Week 17	29.04.2019	
	30.04.2019	

**K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)**

Name of Asst/Associate Professor : Ms. POORNIMA KAMBOJ

Class & Section: B.Sc MEDICAL 2 YR SEC A

Subject: ORGANIC CHEMISTRY

	Date	Topics to be covered
Week 1	01.01.2019	IR SPECTROSCOPY: Molecular vibrations, Hooke's law, selection rules, intensity and position of IR bands, measurement of IR spectrum,
	02.01.2019	
	03.01.2019	
	04.01.2019	
	05.01.2019	
	06.01.2019	Sunday
	07.01.2019	fingerprint region, characteristic absorptions of various functional groups and interpretation of IR spectra of simple organic compounds
Week 2	08.01.2019	Applications of IR spectroscopy in structure elucidation of simple organic compounds.
	09.01.2019	
	10.01.2019	
	11.01.2019	
	12.01.2019	
	13.01.2019	sunday
	14.01.2019	Test of IR spectroscopy and assignment
Week 3	15.01.2019	AMINES: Structure and nomenclature of amines, physical properties.
	16.01.2019	
	17.01.2019	
	18.01.2019	
	19.01.2019	
	20.01.2019	Sunday
	21.01.2019	Separation of a mixture of primary, secondary and tertiary amines, Structural features affecting basicity of amines.
Week 4	22.01.2019	Preparation of alkyl and aryl amines (reduction of nitro compounds, nitriles,

	23.01.2019	
	24.01.2019	
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	reductive amination of aldehydic and ketonic compounds.
Week 5	29.01.2019	Gabriel phthalimide reaction, Hofmann bromamide reaction.
	30.01.2019	
	31.01.2019	
	01.02.2019	
	02.02.2019	
	03.02.2019	Sunday
	04.02.2019	electrophilic aromatic substitution in aryl amines, reactions of amines with nitrous acid.
Week 6	05.02.2019	Test of amines
	06.02.2019	
	07.02.2019	
	08.02.2019	
	09.02.2019	
	10.02.2019	Sunday
	11.02.2019	Discussion and assignment
Week 7	12.02.2019	DIAZONIUM SALTS: Mechanism of diazotisation, structure of benzene diazoniumchloride,
	13.02.2019	
	14.02.2019	
	15.02.2019	
	16.02.2019	
	17.02.2019	Sunday
	18.02.2019	Replacement of diazo group by H, OH, F, Cl, Br, I, NO ₂ and CN groups,
Week 8	19.02.2019	Guru Ravidas Jayanti
	20.02.2019	
	21.02.2019	

	22.02.2019	
	23.02.2019	
	24.02.2019	Sunday
	25.02.2019	reduction of diazonium salts to hyrazines, coupling reaction and its synthetic application.
Week 9	26.02.2019	Test of diazonium salts and assignment
	27.02.2019	
	28.02.2019	Maharishi Dayanand Saraswati Jayanti
	01.03.2019	
	02.03.2019	
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	NITRO COMPOUNDS: Preparation of nitro alkanes and nitro arenes and their chemical reactions.
	06.03.2019	
	07.03.2019	
	08.03.2019	
	09.03.2019	
	10.03.2019	Sunday
	11.03.2019	Mechanism of electrophilic substitution reactions in nitro arenes and their reductions in acidic, neutral and alkaline medium
Week 11	12.03.2019	Test of nitro compounds and assignment
	13.03.2019	
	14.03.2019	
	15.03.2019	
	16.03.2019	
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	ALDEHYDES AND KETONES: Nomenclature and structure of the carbonyl group.
	26.03.2019	Synthesis of aldehydes and ketones with particular reference to the synthesis of aldehydes from acid chlorides,
	27.03.2019	

	28.03.2019	
	29.03.2019	
	30.03.2019	
	31.03.2019	Sunday
Week 13	01.04.2019	advantage of oxidation of alcohols with chromium trioxide (Sarett reagent) pyridinium chlorochromate (PCC) and pyridinium dichromate.,
	02.04.2019	Physical properties. Comparison of reactivities of aldehydes and ketones.
	03.04.2019	
	04.04.2019	
	05.04.2019	
	06.04.2019	
	07.04.2019	Sunday
Week 14	08.04.2019	Mechanism of nucleophilic additions to carbonyl group with particular emphasis on benzoin, aldol, Perkin and Knoevenagel condensations.
	09.04.2019	Condensation with ammonia and its derivatives. Wittig reaction.
	10.04.2019	
	11.04.2019	
	12.04.2019	
	13.04.2019	
	14.04.2019	Sunday
Week 15	15.04.2019	Mannich reaction. Oxidation of aldehydes, Baeyer–Villiger oxidation of ketones,
	16.04.2019	Cannizzaro reaction, MPV, Clemmensen, Wolff-Kishner, LiAlH ₄ and NaBH ₄ reductions.
	17.04.2019	Mahaveer Jayanti
	18.04.2019	
	19.04.2019	
	20.04.2019	
	21.04.2019	Sunday
Week	22.04.2019	Test and assignment

16	23.04.2019	REVISION
	24.04.2019	
	25.04.2019	
	26.04.2019	
	27.04.2019	
	28.04.2019	Sunday
Week 17	29.04.2019	REVISION
	30.04.2019	REVISION

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Savita Nailwal

Class & Section: B.sc 2 year & section -A

Subject: Zoology

	Date	Topics to be covered
Week 1	01.01.2019	
	02.01.2019	
	03.01.2019	Discussion regarding book and introduction to syllabus, origin
	04.01.2019	Continue
	05.01.2019	Evolutionary tree
	06.01.2019	Sunday
	07.01.2019	
Week 2	08.01.2019	
	09.01.2019	
	10.01.2019	Type study of Frog
	11.01.2019	Continue
	12.01.2019	Continue
	13.01.2019	sunday
	14.01.2019	
Week 3	15.01.2019	
	16.01.2019	
	17.01.2019	Continue
	18.01.2019	Parental care in Amphibia
	19.01.2019	Continue
	20.01.2019	Sunday
	21.01.2019	
Week 4	22.01.2019	
	23.01.2019	
	24.01.2019	Test /Revision
	25.01.2019	Sir Chottu Ram Jayanti
	26.01.2019	Republic day
	27.01.2019	Sunday

	28.01.2019	
Week 5	29.01.2019	
	30.01.2019	
	31.01.2019	Type study of lizard
	01.02.2019	Continue
	02.02.2019	Continue
	03.02.2019	Sunday
	04.02.2019	
	Week 6	05.02.2019
06.02.2019		
07.02.2019		Continue
08.02.2019		Origin, Evolutionary tree
09.02.2019		Continue
10.02.2019		Sunday
11.02.2019		
Week 7	12.02.2019	
	13.02.2019	
	14.02.2019	Extinct reptiles
	15.02.2019	Continue
	16.02.2019	Poisonous and Non -poisonous snakes
	17.02.2019	Sunday
	18.02.2019	
Week 8	19.02.2019	Guru RavidasJayanti
	20.02.2019	
	21.02.2019	Continue
	22.02.2019	Poison apparatus in snakes
	23.02.2019	Continue
	24.02.2019	Sunday
	25.02.2019	
Week 9	26.02.2019	
	27.02.2019	
	28.02.2019	Maharishi DayanandSaraswatiJayanti
	01.03.2019	Test/Revision

	02.03.2019	Type study of pigeon
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	
	06.03.2019	
	07.03.2019	Continue
	08.03.2019	Continue
	09.03.2019	Continue
	10.03.2019	Sunday
	11.03.2019	
Week 11	12.03.2019	
	13.03.2019	
	14.03.2019	Continue
	15.03.2019	Flight adaptation
	16.03.2019	Continue
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	
	26.03.2019	
	27.03.2019	
	28.03.2019	Principles of aerodynamics in bird flight
	29.03.2019	Continue
	30.03.2019	Migration in birds
	31.03.2019	Sunday
Week 13	01.04.2019	
	02.04.2019	
	03.04.2019	
	04.04.2019	Continue
	05.04.2019	Test /Revision
	06.04.2019	Classification
	07.04.2019	Sunday
Week 14	08.04.2019	
	09.04.2019	
	10.04.2019	
	11.04.2019	Continue

	12.04.2019	Type study of Rat
	13.04.2019	Continue
	14.04.2019	Sunday
Week 15	15.04.2019	
	16.04.2019	
	17.04.2019	MahaveerJayanti
	18.04.2019	Continue
	19.04.2019	Continue
	20.04.2019	Continue
	21.04.2019	Sunday
Week 16	22.04.2019	
	23.04.2019	
	24.04.2019	
	25.04.2019	Adaptive radiation of mammals / Dentition
	26.04.2019	Continue
	27.04.2019	Test /Revision
	28.04.2019	Sunday
Week 17	29.04.2019	
	30.04.2019	

K.L Mehta Dayanand College For Women, Faridabad
Lesson plan (Jan-Apr 2019)

Name of Asst/Associate Professor : Savita Nailwal
Class & Section: B.sc 2 year & section -A
Subject: Zoology

	Date	Topics to be covered
Week 1	01.01.2019	
	02.01.2019	
	03.01.2019	Discussion regarding book and introduction to syllabus, origin
	04.01.2019	Continue
	05.01.2019	Evolutionary tree
	06.01.2019	Sunday
	07.01.2019	
Week 2	08.01.2019	
	09.01.2019	
	10.01.2019	Type study of Frog
	11.01.2019	Continue
	12.01.2019	Continue
	13.01.2019	Sunday
	14.01.2019	
Week 3	15.01.2019	
	16.01.2019	
	17.01.2019	Continue
	18.01.2019	Parental care in Amphibia
	19.01.2019	Continue
	20.01.2019	Sunday
	21.01.2019	
Week 4	22.01.2019	
	23.01.2019	
	24.01.2019	Test /Revision
	25.01.2019	Sir Chottu Ram Jayanti

	26.01.2019	Republic day
	27.01.2019	Sunday
	28.01.2019	
Week 5	29.01.2019	
	30.01.2019	
	31.01.2019	Type study of lizard
	01.02.2019	Continue
	02.02.2019	Continue
	03.02.2019	Sunday
	04.02.2019	
Week 6	05.02.2019	
	06.02.2019	
	07.02.2019	Continue
	08.02.2019	Origin, Evolutionary tree
	09.02.2019	Continue
	10.02.2019	Sunday
	11.02.2019	
Week 7	12.02.2019	
	13.02.2019	
	14.02.2019	Extinct reptiles
	15.02.2019	Continue
	16.02.2019	Poisonous and Non -poisonous snakes
	17.02.2019	Sunday
	18.02.2019	
Week 8	19.02.2019	Guru RavidasJayanti
	20.02.2019	
	21.02.2019	Continue
	22.02.2019	Poison apparatus in snakes
	23.02.2019	Continue
	24.02.2019	Sunday
	25.02.2019	
Week 9	26.02.2019	
	27.02.2019	

	28.02.2019	Maharishi DayanandSaraswatiJayanti
	01.03.2019	Test/Revision
	02.03.2019	Type study of pigeon
	03.03.2019	Sunday
	04.03.2019	Shivratri
Week 10	05.03.2019	
	06.03.2019	
	07.03.2019	Continue
	08.03.2019	Continue
	09.03.2019	Continue
	10.03.2019	Sunday
	11.03.2019	
Week 11	12.03.2019	
	13.03.2019	
	14.03.2019	Continue
	15.03.2019	Flight adaptation
	16.03.2019	Continue
	17.03.2019	Sunday
		Holi Vacations 17.03.19-24.03.2019
Week 12	25.03.2019	
	26.03.2019	
	27.03.2019	
	28.03.2019	Principles of aerodynamics in bird flight
	29.03.2019	Continue
	30.03.2019	Migration in birds
	31.03.2019	Sunday
Week 13	01.04.2019	
	02.04.2019	
	03.04.2019	
	04.04.2019	Continue
	05.04.2019	Test /Revision
	06.04.2019	Classification
	07.04.2019	Sunday
Week 14	08.04.2019	
	09.04.2019	

	10.04.2019	
	11.04.2019	Continue
	12.04.2019	Type study of Rat
	13.04.2019	Continue
	14.04.2019	Sunday
Week 15	15.04.2019	
	16.04.2019	
	17.04.2019	MahaveerJayanti
	18.04.2019	Continue
	19.04.2019	Continue
	20.04.2019	Continue
	21.04.2019	Sunday
Week 16	22.04.2019	
	23.04.2019	
	24.04.2019	
	25.04.2019	Adaptive radiation of mammals / Dentition
	26.04.2019	Continue
	27.04.2019	Test /Revision
	28.04.2019	Sunday
Week 17	29.04.2019	
	30.04.2019	

