

Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of Associate Professor Dr. Tyoti Singh

Class B.Sc. 6th Sem. Subject BOTANY: 6.1, 6.2

Week	Date	Topic
1	01.01.18	Winter vacation
	02.01.18	Winter vacation
	03.01.18	Winter vacation
	04.01.18	Winter vacation
	05.01.18	Winter vacation
Papers-6.1	06.01.18	Basics of Enzymology: Discovery and nomenclature.
	07.01.18	Sunday
2	08.01.18	characteristics of enzymes: holoenzyme,
	09.01.18	Apoenzyme, co-enzyme, cofactors
	10.01.18	Regulation of enzyme activity and Mechanism.
	11.01.18	Aerobic- Anaerobic respiration, Kseb cycle
	12.01.18	ETC, Redox Potential
	13.01.18	Phosphorylation, P. P. pathway
	14.01.18	Sunday
	Papers 6.2	15.01.18
	16.01.18	Wheat " "
	17.01.18	Maize " "
	18.01.18	origin, Botanical distribution, use of Pulses: Gram
	19.01.18	Ashas,
	20.01.18	Pea, Potato
	21.01.18	Sunday
Papers 4.6.1	22.01.18	Basant Panchami
	23.01.18	Lipid metabolism: Structure of Lipids
	24.01.18	Simple, Compound, Functions
	25.01.18	Fats: characteristic features
	26.01.18	Republic Day
	27.01.18	Bio synthesis of Fatty Acids
	28.01.18	Sunday
	5	29.01.18
30.01.18		Fat oxidation, β -oxidation of Saturated F.A.
31.01.18		Guru Ravidas Jayanti

Sign Tyoti Singh

Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of Associate Professor Dr. Jyoti Singh

Class B.Sc. 6th Sem Subject BOTANY: BOT. 6-1, BOT: 6-2

Week	Date	Topic
1	01.02.18	Energy Produced during β -oxidation.
	02.02.18	β oxidation of unsaturated F.A.
	03.02.18	Mobilization of fatty acids.
	04.02.18	Sunday
6-22	05.02.18	origin, distribution, position, use of onion.
	06.02.18	origin, distribution, processing, use of Cotton
	07.02.18	Tute : processing, use
	08.02.18.	Flax ; " " cultivation
	09.02.18	of fibres.
	10.02.18	Maharshi Dayanand Saraswati Jayanti
	11.02.18	Sunday
3	12.02.18	Botanical position, origin, distribution
	13.02.18	Maha Shivratri
	14.02.18	uses of Ground nut
	15.02.18	Mustard crop
	16.02.18	Brief idea of cultivation and uses
	17.02.18	distribution of coconut.
	18.02.18	Sunday
6-14	19.02.18	Nitrogen metabolism: Source of it
	20.02.18	Ammonification, Nitrification, Denitrification
	21.02.18	Fixation of Dinitrogen: Physical, Chemical
	22.02.18	Biological Nitrogen fixation: Non-symbiotic
	23.02.18	Symbiotic nitrogen fixation: Leguminous
	24.02.18	non-leguminous plants, Nodule formation
	25.02.18	Sunday
5	26.02.18	Biochemistry of nitrogen fixation.
	27.02.18	Nitrate reductase activity
	28.02.18	MDU Holidays

Sign Jyoti Singh

Maharani Kishori Jat Kanya Mahavidyalaya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of Associate Professor *Dr. Jyoti Singh*

Class *B.Sc. 6th Sem* Subject *BOTANY, BOT. 6.1, BOT. 6.2*

Week	Date	Topic
1	01.03.18	MDU Holidays
	02.03.18	MDU Holidays
	03.03.18	MDU Holidays
	04.03.18	Sunday
2	05.03.18	Reductive amination, Transamination
6.2	06.03.18	Vavilov's centre of origin of crop plants
	07.03.18	distribution.
	08.03.18	Morphology, cultivation, uses of spices: cloves
	09.03.18	<i>Cosciades</i>
	10.03.18	<i>Fesula</i>
	11.03.18	Sunday
3	12.03.18	<i>Gingee</i>
	13.03.18	<i>Tusmesic</i>
	14.03.18	Give general account and source of
	15.03.18	timber:
6.1	16.03.18	Define: genetic engineering, gene cloning
	17.03.18	Transgenic plants, selectable marker genes
	18.03.18	Sunday
6.1 4	19.03.18	Selection of Transgenic plant
	20.03.18	cellules totipotency
	21.03.18	differentiation and morphology
	22.03.18	Application: uses of G.E.
	23.03.18	Shaheedi Diwas
6.2	24.03.18	Morphology, cultivation and economic use: <i>Atropa</i>
	25.03.18	Sunday
5	26.03.18	<i>Cinchona</i>
	27.03.18	<i>Rauwolfia</i>
	28.03.18	<i>Withania</i>
	29.03.18	Mahavir Jayanti
	30.03.18	<i>Azadirachta</i>
	31.03.18	Beverages

Sign *Jyoti*

Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of Associate Professor .. Dr. Jyoti Singh

Class ... B.Sc. 6th Sem Subject .. BOTANY, BOT-6-1, BOT 6.2

Week	Date	Topic
	01.04.18	Sunday
BOT 16.1	02.04.18	Genetic engineering : Tools
	03.04.18	Techniques of recombinant DNA Technology
	04.04.18	cloning vectors - I
	05.04.18	Genomic library
	06.04.18	cDNA Library
	07.04.18	Transposable elements
	08.04.18	Sunday
2	09.04.18	Aspects of Plant tissue culture
	10.04.18	cloning vectors - Bacteriophage
	11.04.18	Phagemids, Shuttle vectors
	12.04.18	Plant virus as vectors, Animal virus
	13.04.18	Transposons as vectors
	14.04.18	Baisakhi / Ambedkar Jayanti
	15.04.18	Sunday
3	16.04.18	Artificial chromosome vectors
	17.04.18	Agrobacterium Plasmid
	18.04.18	Parshuram Jayanti
	19.04.18	Mechanism of T-DNA transfer, virus vectors
	20.04.18	Direct gene transfer: chemically stimulated
	21.04.18	liposome mediated, electroporation
	22.04.18	Sunday
BOT 6.2 4	23.04.18	Description, position, uses of Medicinal plant - opium
	24.04.18	Cannabis
	25.04.18	Tea → Processing, description, uses
	26.04.18	Coffee → Processing, description, uses
	27.04.18	Sugarcane → Processing, uses, description
	28.04.18	Hevea → Processing, uses, description
	29.04.18	Sunday
	30.04.18	Energy plantation and Biofuels

Sign *Jyoti Singh*