

Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur

Class: B.Sc. Part III		Lesson plan: Session- 2019-2020			Subject: Zoology
Date	Lecture No.	Teacher's Name	Paper	Chapter	Topic
16.07.19	1	Navneet Kumar	I	Ecosystem	General organization and tropic structure
17.07.19	1	SHIV KUMAR	II	Fishery	Fish culture
17.07.19	1	Vinay k singh	IV	Cell Physiology	Glycolysis
18.07.19	1	S K	III	Nutritional physiology	Balanced diet
18.07.19	2	V K S	IV	Biological tools for recombinant technology	Enzyme
19.07.19				CLASS TEACHING	
20.07.19	2	N K	I	Ecosystem	Energy flow
22.07.19	3	N K	I	Ecosystem	Energy flow
23.07.19	2	S K	II	Fishery	Fish culture
24.07.19	3	S K	II	Fishery	Economic Importance of Fish
24.07.19	3	V KS	IV	Biological tools for recombinant technology	Linker
25.07.19	2	S K	III	Nutritional Physiology	Regulation Hunger and satiety
25.07.19	4	VKS	IV	Cell physiology	Glycolysis
26.07.19				CLASS TEACHING	
27.07.19	4	N K	I	Ecosystem	Type of Ecological Pyramid
29.07.19	5	N K	I	Biogeochemical cycle	Nitrogen
30.07.19	4	S K	II	Fishery	Important food fishes and their disease
31.07.19	5	S K	II	Poultry farming	Poultry farming
31.08.19	5	VKS	IV	Cell physiology	Glycolysis
01.08.19	3	S K	III	Nutrition Physiology	Regulation of secretion of digestive juice
01.08.19	6	V KS	IV	Biological tool for recombinant DNA technology	Bacteriophage vectors
02.08.19				CLASS TEACHING	
03.08.19	6	N K	I	Biogeochemical cycle	Phosphorus
06.08.19	7	N K	I	Biogeochemical cycle	Sulphur
07.08.19	6	S K	II	Poultry farming	Poultry farming
07.08.19	7	VKS	IV	Cell physiology	Krebs Cycle
08.08.19	7	S K	II	Dairy forming	Important breeds of dairy cattle
08.08.19	8	VKS	IV	Cell physiology	Krebs Cycle
09.08.19	4	S K	III	Nutrition Physiology	Regulation of secretion of digestive juice
10.08.19				CLASS TEACHING	
13.08.19	8	N K	I	pollution	Air
14.08.19	9	N K	I	Pollution	Water
14.08.19	9	VKS	IV	Cell physiology	Krebs Cycle
16.08.19	8	S K	II	Dairy forming	Milk product
17.08.19	9	S K	II	Dairy forming	Balanced diet of milking cow/ Processing of milk
19.08.19	5	S K	III	Respiration	Mechanism of breathing
20.08.19				CLASS TEACHING	
21.08.19	10	N K	I	Pollution	Air
21.08.19	10	VKS	IV	Biological tool for recombinant DNA technology	Cosmids
22.08.19	11	N K	I	Pollution	Noise

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22.08.19	11	VKS	IV	Cell physiology	Krebs Cycle
24.08.19	10	S K	II	Economic Zoology	Rat menace and its control
26.08.19	11	SK	II	Housefly	Diseases, Transmitted and Control
27.08.19	6	S K	III	Respiration	Regulation of breathing
28.08.19				MONTHLY EVALUATION	
28.08.19	12	VKS	IV	Techniques of genetic engineering	Strategies of recombinant DNA technology
29.08.19	12	NK	I	Conservation of wild life	Biosphere reserve
29.08.19	13	VKS	IV	Techniques of genetic engineering	Strategies of recombinant DNA technology
30.08.19	13	NK	I	Conservation of wild life	National park and centuries
02.09.19	12	S K	II	Apis	General features and life history
03.09.19	13	S K	II	Bombyx mori	General features and life history
04.09.19	7	S K	III	Respiration	Transport of O ₂
04.09.19	14	VKS	IV	Cell physiology	Electron transport system
05.09.19				CLASS TEACHING	
05.09.19	15	VKS	IV	Technique of genetic engineering	DNA library: genomic DNA
06.09.19	14	NK	I	Wild life conservation	Wild life organization
07.09.19	15	NK	I	Community	Basic structure
09.09.19	14	S K	II	Apis	Useful products
11.09.19	15	S K	II	Bombyx	Useful products
11.09.19	16	VKS	IV	Cell physiology	Electron transport system
13.09.19	8	SK	III	Respiration	Transport of CO ₂
14.09.19				CLASS TEACHING	
16.09.19	16	NK	I	Community	Species diversity and dominance
17.09.19	17	NK	I	Ecological succession	Pattern of succession
19.09.19	16	S K	II	Tacharidia	General features and life history
19.09.19	17	VKS	IV	Technique of genetic engineering	DNA library: genomic DNA
20.09.19	17	S K	II	Economically important phytoparasitic nematode	General survey
21.09.19	1	NK	III	Blood and circulation	Regulation of heart beat
23.09.19				MONTHLY EVALUATION	
24.09.19	18	NK	I	Ecological succession	Kind and classes of succession
25.09.19	19	NK	I	Ecological succession	Pattern of succession
25.09.19	18	VKS	IV	Technology in genetic engineering	Hybridoma technology and production of monoclonal antibodies
26.09.19	18	S K	II	Economically important Insect pest of some crop	General survey
26.09.19	19	VKS	IV	Cell physiology	Electron transport system
27.09.19	19	S K	II	Bombyx	Useful products
30.09.19	2	NK	III	Blood circulation	Hemodynamic
01.10.19				CLASS TEACHING	
03.10.19	20	N K	I	Population	Interspecific relation
03.10.19	20	VKS	IV	Technology in genetic engineering	Blotting techniques: Southern blotting
04.10.19	21	N K	I	population	Interspecific relation

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05.10.19	1	VKS	II	Graphical representation of data	Histogram
12.10.19	2	VKS	II	Graphical representation of data	Frequency polygon
14.10.19	3	NK	III	Blood circulation	Cardiac output
15.10.19				CLASS TEACHING	
16.10.19	22	N K	I	population	Intraspecific relation
16.10.19	21	VKS	IV	Cell physiology	Electron transport system
17.10.19	23	N K	I	Toxicology	Introduction and scope
17.10.19	22	VKS	IV	Nucleic acid	Structure of DNA
18.10.19	3	VKS	II	Graphical representation of data	Cumulative Frequency graph/ogive
21.10.19	4	VKS	II	Central tendency	Mean
22.10.19	4	NK	III	Blood circulation	Blood pressure
23.10.19				MONTHLY EVALUATION	
23.10.19	24	N K	I	Environmental Toxicants	Biological and technological ill effects
30.10.19	25	N K	I	Environmental Toxicants	Biological and technological ill effects
30.10.19	23	VKS	IV	Technology in genetic engineering	Blotting techniques: Northern and Western blotting
31.10.19	5	VKS	II	Central tendency	Median
31.10.19	24	VKS	IV	Biotechnological process	Nuclear cloning
01.11.19	6	VKS	II	Central tendency	Mode
04.11.19	5	NK	III	Blood circulation	Vasomotor
05.11.19				CLASS TEACHING	
06.11.19	26	N K	I	Environmental Toxicants	Biological and technological ill effects
06.11.19	25	VKS	IV	Nucleic acid	Structure of DNA
07.11.19	27	N K	I	Environmental Toxicants	Biological and technological ill effects
07.11.19	26	VKS	IV	Biotechnological process	Cellular interaction
09.11.19	7	VKS	II	Central tendency	mode
11.11.19	8	VKS	II	Variability	Standard Deviation
13.11.19	6	N K	III	Blood circulation	Blood Volume
13.11.19	27	VKS	IV	Nucleic acid	Structure of RNA
14.11.19				CLASS TEACHING	
14.11.19	28	VKS	IV	Genetic engineering for human welfare	Human peptide hormone genes
15.11.19	28	N K	I	Dose-Response relationship	Graded
16.11.19	29	N K	I	Dose-Response relationship	Quantal and Cumulative
18.11.19	9	VKS	II	Variability	Standard Deviation
19.11.19	9	S K	III	Excretion and Osmoregulation	Regulation of kidney function
20.11.19	10	S K	III	Excretion and osmoregulation	Regulation of kidney function
20.11.19	29	VKS	IV	Genetic engineering for human welfare	Human interferon genes
21.11.19				CLASS TEACHING	
21.11.19	30	VKS	IV	Nucleic acid	Synthesis of Nucleic acid
22.11.19	30	N K	I	Antidotal therapy	Procedures
23.11.19	31	N K	I	Antidotal therapy	Procedures

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25.11.19	10	VKS	II	Normal probability curve	Basic feature
26.11.19	11	S K	III	Excretion and osmoregulation	Cellular permeability : Passive transport
27.11.19	12	S K	III	Excretion and osmoregulation	Cellular permeability : Active transport
27.11.19	31	VKS	IV	Nucleic acid	Synthesis of Nucleic acid
28.11.19				MONTHLY EVALUATION	
28.11.19	32	VKS	IV	Genetic engineering for human welfare	Gene for vaccines
29.11.19	32	N K	I	Selective toxicity	Translocation factor and Biotransformation
30.11.19	33	N K	I	Translocation of chemicals	Membrane barriers
02.12.19	11	VKS	II	Normal distribution curve	Measures of deviation
03.12.19	1	VKS	III	Muscular System	Structure and type of muscle
07.12.19	13	S K	III	Excretion and osmoregulation	Salt and water balance
09.12.19				CLASS TEACHING	
11.12.19	34	N K	I	Translocation of chemicals	Storage and depots
11.12.19	33	VKS	IV	Genetic engineering for human welfare	Antenatal diagnosis of hemoglobinopathies
13.12.19	35	NK	I	Translocation of chemicals	Biotransformation sites (Phase Ist and Phase IInd reaction)
14.12.19	20	S K	II	Leishmania	Pathology, Prevention and control
16.12.19	2	VKS	III	Muscular system	Innervations of muscle
18.12.19	3	VKS	III	Nervous system	General organization of Autonomic Nervous System
18.12.19	34	VKS	IV	Nucleic acid	Synthesis of Nucleic acid
19.12.19				CLASS TEACHING	
19.12.19	35	VKS	IV	Protein	Protein synthesis
20.12.19	36	NK	I	Phase Ist	Hydrolysis
21.12.19	37	NK	I	Phase Ist	Reduction
23.12.19	21	S K	II	Trypanosoma	Pathology, Prevention and control
26.12.19	4	VKS	III	Nervous system	Regulatory action of Autonomic Nervous System
26.12.19	36	VKS	IV	Genetic engineering for human welfare	Animal improvement
27.12.19	5	VKS	III	Nervous system	Structure and type of synapse
28.12.19				MONTHLY EVALUATION	
30.12.19	38	N K	I	Phase Ist	Microsomal oxidation and Non microsomal oxidation
31.12.19	39	N K	I	Phase IInd	Conjugation
01.01.20	22	S K	II	Heterodera	Pathology, prevention and control
01.01.20	37	VKS	IV	Protein synthesis	Protein synthesis
02.01.20	6	VKS	III	Nervous system	Synaptic transmission
02.01.20	38	VKS	IV	Protein synthesis	Protein synthesis

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03.01.20	7	N K	III	Endocrine regulation	Hypothalamo-hypophyseal system
04.01.20				CLASS TEACHING	
06.01.20	40	N K	I	Toxicological testing methods	Mortality test
07.01.20	41	N K	I	Toxicological testing methods	Mortality tests
08.01.20	23	S K	II	Tribolium	Pathology prevention and control
08.01.20	39	VKS	IV	Protein	Regulation of Protein synthesis
09.01.20	8	N K	III	Endocrine regulation	Hypothalamo-hypophyseal system
09.01.20	40	VKS	IV	Protein	Regulation of Protein synthesis
10.01.20	9	NK	III	Endocrine regulation	Hormonal action at cellular level
11.01.20	41	VKS	IV	Protein synthesis	Protein synthesis
13.01.20				CLASS TEACHING	
16.01.20	42	N K	I	Toxicity test	Acute, Subacute and Chronic Toxicity
16.01.20	42	VKS	IV	Protein synthesis	Regulation of protein synthesis
17.01.20	43	NK	I	Toxicity test	Skin, Eye, behavioral and Biochemical
18.01.20	24	S K	II	Mosquitoes	Diseases, Transmitted and Control
20.01.20	10	NK	III	Endocrine regulation	Cyclic AMP
22.01.20	11	N K	III	Thermoregulation in vertebrate	Mechanism
22.01.20	43	VKS	IV	Genetic engineering for human welfare	DNA Fingerprinting
23.01.20				CLASS TEACHING	
23.01.20	44	VKS	IV	Immune	Immune Response
24.01.20	44	N K	I	Toxicity tests	Reproductive and physiological
25.01.20	45	NK	I	Toxicity tests	Teratogenic and Haematological
27.01.20	25	S K	II	Tribolium	Pathology prevention and control
28.01.20	12	NK	III	Endocrine regulation	Hormonal action at cellular level
29.01.20	13	NK	III	Endocrine regulation	Hormonal action at cellular level
29.01.20	45	VKS	IV	Immune	Immune Response
30.01.20				MONTHLY EVALUATION	
30.01.20	46	VKS	IV	Immune	Immune Response
31.01.20	46	N K	I	Toxicity tests	Carcinogenesis and Histopathological