

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

Class: B.Sc. Part III					
			Lesson plan: Session- 2020-2021		Subject: Zoology
Date	Lecture No.	Teacher's Name	Paper	Chapter	Topic
16.07.20	1	Navneet Kumar	I	Ecosystem	General organization and tropic structure
16.07.20	1	Vinay k singh	IV	Cell Physiology	Glycolysis
17.07.20	1	SHIV KUMAR	II	Fishery	Fish culture
18.07.20	1	S K	III	Nutritional physiology	Balanced diet
20.07.20				CLASS TEACHING	
21.07.20	2	N K	I	Ecosystem	Energy flow
22.07.20	3	N K	I	Ecosystem	Energy flow
22.07.20	2	V K S	IV	Biological tools for recombinant technology	Enzyme
23.07.20	2	S K	II	Fishery	Fish culture
23.07.20	3	V KS	IV	Biological tools for recombinant technology	Linker
24.07.20	3	S K	II	Fishery	Economic Importance of Fish
27.07.20	2	S K	III	Nutritional Physiology	Regulation Hunger and satiety
28.07.20				CLASS TEACHING	
29.07.20	4	N K	I	Ecosystem	Type of Ecological Pyramid
29.07.20	4	V KS	IV	Biological tools for recombinant technology	Plasmid
30.07.20	5	N K	I	Biogeochemical cycle	Nitrogen
30.07.20	5	V KS	IV	Biological tools for recombinant technology	Bacteriophage
31.07.20	4	S K	II	Fishery	Important food fishes and their disease
04.08.20	5	S K	II	Poultry farming	Poultry farming
05.08.20	3	S K	III	Nutrition Physiology	Regulation of secretion of digestive juice
05.08.20	5	VKS	IV	Cell physiology	Glycolysis
06.08.20				CLASS TEACHING	
06.08.20	6	V KS	IV	Biological tool for recombinant DNA technology	phagemid vectors
07.08.20	6	N K	I	Biogeochemical cycle	Phosphorus
08.08.20	7	N K	I	Biogeochemical cycle	Sulphur
10.08.20	7	S K	II	Dairy forming	Important breeds of dairy cattle
11.08.20	8	S K	II	Dairy forming	Milk product
13.08.20	4	S K	III	Nutrition Physiology	Regulation of secretion of digestive juice
13.08.20	7	VKS	IV	Cell physiology	Krebs Cycle
14.08.20				CLASS TEACHING	
17.08.20	8	N K	I	pollution	Air
18.08.20	9	N K	I	pollution	Air
19.08.20	9	S K	II	Dairy forming	Balanced diet of milking cow/ Processing of milk
19.08.20	8	VKS	IV	Cell physiology	Krebs Cycle
20.08.20	10	S K	II	Economic Zoology	Rat menace and its control
20.08.20	9	VKS	IV	Cell physiology	Krebs Cycle
21.08.20	5	S K	III	Respiration	Mechanism of breathing
22.08.20				MONTHALY EVALUATION	

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24.08.20	10	N K	I	Pollution	Water
25.08.20	11	N K	I	Pollution	Noise
26.08.20	11	SK	II	Housefly	Diseases, Transmitted and Control
26.08.20	10	VKS	IV	Biological tool for recombinant DNA technology	Cosmids
27.08.20	12	S K	II	Apis	General features and life history
27.08.20	11	VKS	IV	Cell physiology	Krebs Cycle
28.08.20	6	S K	III	Respiration	Regulation of breathing
01.09.20				CLASS TEACHING	
02.09.20	12	NK	I	Conservation of wild life	Biosphere reserve
02.09.20	12	VKS	IV	Techniques of genetic engineering	Strategies of recombinant DNA technology
03.09.20	13	NK	I	Conservation of wild life	National park and centuries
03.09.20	13	VKS	IV	Techniques of genetic engineering	Strategies of recombinant DNA technology
04.09.20	13	S K	II	Bombyx mori	General features and life history
05.09.20	14	S K	II	Apis	Useful products
07.09.20	7	S K	III	Respiration	Transport of O ₂
08.09.20				CLASS TEACHING	
09.09.20	14	NK	I	Wild life conservation	Wild life organization
09.09.20	14	VKS	IV	Cell physiology	Electron transport system
10.09.20	15	NK	I	Community	Basic structure
10.09.20	15	VKS	IV	Technique of genetic engineering	DNA library: genomic DNA
11.09.20	15	S K	II	Bombyx	Useful products
12.09.20	16	S K	II	Tacharidia	General features and life history
14.09.20	8	SK	III	Respiration	Transport of CO ₂
15.09.20				CLASS TEACHING	
16.09.20	16	NK	I	Community	Species diversity and dominance
16.09.20	16	VKS	IV	Cell physiology	Electron transport system
18.09.20	17	NK	I	Ecological succession	Pattern of succession
19.09.20	17	S K	II	Economically important phytoparasitic nematode	General survey
21.09.20	18	S K	II	Economically important Insect pest of some crop	General survey
22.09.20	1	NK	III	Blood and circulation	Regulation of heart beat
23.09.20				CLASS TEACHING	
23.09.20	17	VKS	IV	Technique of genetic engineering	DNA library: genomic DNA
24.09.20	18	NK	I	Ecological succession	Kind and classes of succession
24.09.20	18	VKS	IV	Technology in genetic engineering	Hybridoma technology and production of monoclonal antibodies
25.09.20	19	NK	I	Ecological succession	Pattern of succession
26.09.20	19	S K	II	Bombyx	Useful products
28.09.20	1	VKS	II	Graphical representation of data	Histogram
29.09.20	2	NK	III	Blood circulation	Hemodynamic

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30.09.20				MONTHLY EVALUATION	
30.09.20	19	VKS	IV	Cell physiology	Electron transport system
01.10.20	20	N K	I	Population	Interspecific relation
01.10.20	20	VKS	IV	Technology in genetic engineering	Blotting techniques: Southern blotting
03.10.20	21	N K	I	population	Interspecific relation
05.10.20	2	VKS	II	Graphical representation of data	Frequency polygon
06.10.20	3	VKS	II	Graphical representation of data	Cumulative Frequency graph/ogive
07.10.20	3	NK	III	Blood circulation	Cardiac output
07.10.20	21	VKS	IV	Cell physiology	Electron transport system
09.10.20				CLASS TEACHING	
10.10.20	22	N K	I	population	Intraspecific relation
12.10.20	23	N K	I	Toxicology	Introduction and scope
13.10.20	4	VKS	II	Central tendency	Mean
14.10.20	5	VKS	II	Central tendency	Median
14.10.20	22	VKS	IV	Nucleic acid	Structure of DNA
15.10.20	4	NK	III	Blood circulation	Blood pressure
15.10.20	23	VKS	IV	Technology in genetic engineering	Blotting techniques: Northern and Western blotting
16.10.20				CLASS TEACHING	
17.10.20	24	N K	I	Environmental Toxicants	Biological and technological ill effects
19.10.20	25	N K	I	Environmental Toxicants	Biological and technological ill effects
20.10.20	6	VKS	II	Central tendency	Mode
21.10.20	7	VKS	II	Central tendency	mode
21.10.20	24	VKS	IV	Biotechnological process	Nuclear cloning
22.10.20	5	NK	III	Blood circulation	Vasomotor
22.10.20	25	VKS	IV	Nucleic acid	Structure of DNA
23.10.20				MONTHLY EVALUATION	
29.10.20	26	N K	I	Environmental Toxicants	Biological and technological ill effects
29.10.20	26	VKS	IV	Biotechnological process	Cellular interaction
31.10.20	27	N K	I	Environmental Toxicants	Biological and technological ill effects
02.11.20	8	VKS	II	Variability	Standard Deviation
03.11.20	6	N K	III	Blood circulation	Blood Volume
04.11.20	9	S K	III	Excretion and Osmoregulation	Regulation of kidney function
04.11.20	27	VKS	IV	Nucleic acid	Structure of RNA
05.11.19				CLASS TEACHING	
05.11.20	28	VKS	IV	Genetic engineering for human welfare	Human peptide hormone genes
06.11.20	28	N K	I	Dose-Response relationship	Graded
07.11.20	29	N K	I	Dose-Response relationship	Quantal and Cumulative
09.11.20	9	VKS	II	Variability	Standard Deviation
10.11.20	10	S K	III	Excretion and osmoregulation	Regulation of kidney function

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17.11.20	11	S K	III	Excretion and osmoregulation	Cellular permeability : Passive transport
18.11.20				CLASS TEACHING	
18.11.20	29	VKS	IV	Genetic engineering for human welfare	Human interferon genes
19.11.20	30	N K	I	Antidotal therapy	Procedures
19.11.20	30	VKS	IV	Nucleic acid	Synthesis of Nucleic acid
21.11.20	31	N K	I	Antidotal therapy	Procedures
23.11.20	10	VKS	II	Normal probability curve	Basic feature
24.11.20	12	S K	III	Excretion and osmoregulation	Cellular permeability : Active transport
26.11.20	1	VKS	III	Muscular System	Structure and type of muscle
26.11.20	31	VKS	IV	Nucleic acid	Synthesis of Nucleic acid
27.11.20				MONTHLY EVALUATION	
28.11.20	32	N K	I	Selective toxicity	Translocation factor and Biotransformation
01.12.20	33	N K	I	Translocation of chemicals	Membrane barriers
02.12.20	11	VKS	II	Normal distribution curve	Measures of deviation
02.12.20	32	VKS	IV	Genetic engineering for human welfare	Gene for vaccines
03.12.20	13	S K	III	Excretion and osmoregulation	Salt and water balance
03.12.20	33	VKS	IV	Genetic engineering for human welfare	Antenatal diagnosis of hemoglobinopathies
07.12.20	2	VKS	III	Muscular system	Innervations of muscle
08.12.20				CLASS TEACHING	
09.12.20	34	N K	I	Translocation of chemicals	Storage and depots
09.12.20	34	VKS	IV	Nucleic acid	Synthesis of Nucleic acid
11.12.20	35	NK	I	Translocation of chemicals	Biotransformation sites (Phase Ist and Phase IInd reaction)
12.12.20	20	S K	II	Leishmania	Pathology, Prevention and control
14.12.20	3	VKS	III	Nervous system	General organization of Autonomic Nervous System
15.12.20	4	VKS	III	Nervous system	Regulatory action of Autonomic Nervous System
16.12.20				CLASS TEACHING	
16.12.20	35	VKS	IV	Protein	Protein synthesis
17.12.20	36	NK	I	Phase Ist	Hydrolysis
17.12.20	36	VKS	IV	Genetic engineering for human welfare	Animal improvement
18.12.20	37	NK	I	Phase Ist	Reduction
21.12.20	21	S K	II	Trypanosoma	Pathology, Prevention and control
22.12.20	5	VKS	III	Nervous system	Structure of synapse
23.12.20	6	VKS	III	Nervous system	Type of synapse
23.12.20	37	VKS	IV	Protein synthesis	Protein synthesis

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24.12.20				MONTHLY EVALUATION	
24.12.20	38	VKS	IV	Protein synthesis	Protein synthesis
26.12.20	38	N K	I	Phase Ist	Microsomal oxidation and Non microsomal oxidation
28.12.20	39	N K	I	Phase IInd	Conjugation
29.12.20	22	S K	II	Heterodera	Pathology, prevention and control
30.12.20	7	VKS	III	Nervous system	Synaptic transmission
30.12.20	39	VKS	IV	Protein	Regulation of Protein synthesis
31.12.20	7	N K	III	Endocrine regulation	Hypothalamo-hypophyseal system
31.12..20	40	VKS	IV	Protein	Regulation of Protein synthesis
01.01.21				CLASS TEACHING	
02.01.21	40	N K	I	Toxicological testing methods	Mortality test
04.01.21	41	N K	I	Toxicological testing methods	Mortality tests
06.01.21	23	S K	II	Tribolium	Pathology prevention and control
06.01.21	41	VKS	IV	Protein synthesis	Protein synthesis
07.01.21	8	N K	III	Endocrine regulation	Hypothalamo-hypophyseal system
07.01.21	42	VKS	IV	Protein synthesis	Regulation of protein synthesis
08.01.21	9	NK	III	Endocrine regulation	Hormonal action at cellular level
09.01.21				CLASS TEACHING	
11.01.21	42	N K	I	Toxicity test	Acute, Subacute and Chronic Toxicity
12.01.21	43	NK	I	Toxicity test	Skin, Eye, behavioral and Biochemical
13.01.21	24	S K	II	Mosquitoes	Diseases, Transmitted and Control
13.01.21	43	VKS	IV	Genetic engineering for human welfare	DNA Fingerprinting
16.01.21	10	NK	III	Endocrine regulation	Cyclic AMP
18.01.21	11	N K	III	Thermoregulation in vertebrate	Mechanism
19.01.21				CLASS TEACHING	
20.01.21	44	N K	I	Toxicity tests	Reproductive and physiological
20.01.21	44	VKS	IV	Immune	Immune Response
21.01.21	45	NK	I	Toxicity tests	Teratogenic and Haematological
21.01.21	45	VKS	IV	Immune	Immune Response
22.01.21	25	S K	II	Tribolium	Pathology prevention and control
23.01.21	12	NK	III	Endocrine regulation	Hormonal action at cellular level
25.01.21	13	NK	III	Endocrine regulation	Hormonal action at cellular level
27.01.21				MONTHLY EVALUATION	
27.01.21	46	VKS	IV	Immune	Immune Response
28.01.21	46	N K	I	Toxicity tests	Carcinogenesis and Histopathological
29.01.21				REVISION	
30.01.21				REVISION	