

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

Class: B.Sc. Part III		Lesson plan: Session- 2021-2022		Subject: Zoology	
Date	Lecture No.	Teacher's Name	Paper	Chapter	Topic
16.07.21	1	Vinay k singh	I	Ecosystem	General organization and tropic structure
17.07.21	1	SHIV KUMAR	II	Fishery	Fish culture
19.07.21	1	S K	III	Nutritional physiology	Balanced diet
20.07.21				CLASS TEACHING	
22.07.21	2	V K S	I	Ecosystem	Energy flow
22.07.21	1	Vinay k singh	IV	Cell Physiology	Glycolysis
23.07.21	3	V K S	I	Ecosystem	Energy flow
24.07.21	2	S K	II	Fishery	Fish culture
26.07.21	3	S K	II	Fishery	Economic Importance of Fish
27.07.21	2	S K	III	Nutritional Physiology	Regulation Hunger and satiety
28.07.21				CLASS TEACHING	
28.07.21	2	V K S	IV	Biological tools for recombinant technology	Enzyme
29.07.21	4	V K S	I	Ecosystem	Type of Ecological Pyramid
29.07.21	3	V KS	IV	Biological tools for recombinant technology	Linker
30.07.21	5	V K S	I	Biogeochemical cycle	Nitrogen
31.07.21	4	S K	II	Fishery	Important food fishes and their disease
02.08.21	5	S K	II	Poultry farming	Poultry farming
03.08.21	3	S K	III	Nutrition Physiology	Regulation of secretion of digestive juice
04.08.21				CLASS TEACHING	
04.08.21	4	VKS	IV	Cell physiology	Glycolysis
05.08.21	6	V K S	I	Biogeochemical cycle	Phosphorus
05.08.21	5	VKS	IV	Cell physiology	Glycolysis
06.08.21	7	V K S	I	Biogeochemical cycle	Sulphur
07.08.21	6	S K	II	Poultry farming	Poultry farming
09.08.21	7	S K	II	Dairy forming	Important breeds of dairy cattle
10.08.21	4	S K	III	Nutrition Physiology	Regulation of secretion of digestive juice
11.08.21				CLASS TEACHING	
11.08.21	6	V KS	IV	Biological tool for recombinant DNA technology	Bacteriophage vectors
12.08.21	8	V K S	I	pollution	Air
12.08.21	7	VKS	IV	Cell physiology	Krebs Cycle
14.08.21	9	V K S	I	Pollution	Water
16.08.21	8	S K	II	Dairy forming	Milk product
17.08.21	9	S K	II	Dairy forming	Balanced diet of milking cow/ Processing of milk
18.08.21	5	S K	III	Respiration	Mechanism of breathing
18.08.21	8	VKS	IV	Cell physiology	Krebs Cycle
20.08.21				CLASS TEACHING	
21.08.21	10	V K S	I	Pollution	Air
23.08.21	11	V K S	I	Pollution	Noise
24.08.21	10	S K	II	Economic Zoology	Rat menace and its control
25.08.21	11	SK	II	Housefly	Diseases, Transmitted and Control
25.08.21	9	VKS	IV	Cell physiology	Krebs Cycle
26.08.21	6	S K	III	Respiration	Regulation of breathing

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

26.08.21	10	VKS	IV	Biological tool for recombinant DNA technology	Cosmids
27.08.21				MONTHLY EVALUATION	
31.08.21	12	V K S	I	Conservation of wild life	Biosphere reserve
01.09.21	13	V K S	I	Conservation of wild life	National park and centuries
01.09.21	11	VKS	IV	Cell physiology	Krebs Cycle
02.09.21	12	S K	II	Apis	General features and life history
02.09.21	12	VKS	IV	Techniques of genetic engineering	Strategies of recombinant DNA technology
03.09.21	13	S K	II	Bombyx mori	General features and life history
04.09.21	7	S K	III	Respiration	Transport of O ₂
06.09.21				CLASS TEACHING	
07.09.21	14	V K S	I	Wild life conservation	Wild life organization
08.09.21	15	V K S	I	Community	Basic structure
08.08.21	13	VKS	IV	Techniques of genetic engineering	Strategies of recombinant DNA technology
09.09.21	14	S K	II	Apis	Useful products
09.09.21	14	VKS	IV	Cell physiology	Electron transport system
10.09.21	15	S K	II	Bombyx	Useful products
11.09.21	8	SK	III	Respiration	Transport of CO ₂
13.09.21				CLASS TEACHING	
14.09.21	16	V K S	I	Community	Species diversity and dominance
15.09.21	17	V K S	I	Ecological succession	Pattern of succession
15.09.21	15	VKS	IV	Technique of genetic engineering	DNA library: genomic DNA
16.09.21	16	S K	II	Tacharidia	General features and life history
16.09.21	16	VKS	IV	Cell physiology	Electron transport system
18.09.21	17	S K	II	Economically important phytoparasitic nematode	General survey
20.09.21	9	S K	III	Blood and circulation	Regulation of heart beat
21.09.21				CLASS TEACHING	
22.09.21	18	V K S	I	Ecological succession	Kind and classes of succession
22.09.21	17	VKS	IV	Technique of genetic engineering	DNA library: genomic DNA
23.09.21	19	V K S	I	Ecological succession	Pattern of succession
23.09.21	18	VKS	IV	Technology in genetic engineering	Hybridoma technology and production of monoclonal antibodies
25.09.21	18	S K	II	Economically important Insect pest of some crop	General survey
27.09.21	19	S K	II	Bombyx	Useful products
29.09.21	10	S K	III	Blood circulation	Hemodynamic
29.09.21	19	VKS	IV	Cell physiology	Electron transport system
30.09.21				MONTHLY EVALUATION	
30.09.21	20	VKS	IV	Technology in genetic engineering	Blotting techniques: Southern blotting

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

01.10.21	20	V K S	I	Population	Interspecific relation
04.10.21	21	V K S	I	population	Interspecific relation
05.10.21	1	VKS	II	Graphical representation of data	Histogram
07.10.21	2	VKS	II	Graphical representation of data	Frequency polygon
07.10.21	21	VKS	IV	Cell physiology	Electron transport system
08.10.21	11	S K	III	Blood circulation	Cardiac output
09.10.21				CLASS TEACHING	
11.10.21	22	V K S	I	population	Intraspecific relation
18.10.21	01	S K	I	Toxicology	Introduction and scope
20.10.21	3	VKS	II	Graphical representation of data	Cumulative Frequency graph/ogive
20.10.21	22	VKS	IV	Nucleic acid	Structure of DNA
21.10.21	4	VKS	II	Central tendency	Mean
21.10.21	23	VKS	IV	Technology in genetic engineering	Blotting techniques: Northern and Western blotting
22.10.21	12	S K	III	Blood circulation	Blood pressure
23.10.21				CLASS TEACHING	
25.10.21	2	S K	I	Environmental Toxicants	Biological and technological ill effects
26.10.21	3	S K	I	Environmental Toxicants	Biological and technological ill effects
27.10.21	5	VKS	II	Central tendency	Median
27.10.21	24	VKS	IV	Biotechnological process	Nuclear cloning
28.10.21	6	VKS	II	Central tendency	Mode
28.10.21	25	VKS	IV	Nucleic acid	Structure of DNA
29.10.21	13	S K	III	Blood circulation	Vasomotor
30.10.21				MONTHLY EVALUATION	
08.11.21	4	S K	I	Environmental Toxicants	Biological and technological ill effects
09.11.21	5	S K	I	Environmental Toxicants	Biological and technological ill effects
11.11.21	7	VKS	II	Central tendency	mode
11.11.21	26	VKS	IV	Biotechnological process	Cellular interaction
12.11.21	8	VKS	II	Variability	Standard Deviation
13.11.21	14	S K	III	Blood circulation	Blood Volume
16.11.21				CLASS TEACHING	
17.11.21	6	S K	I	Dose-Response relationship	Graded
17.11.21	27	VKS	IV	Nucleic acid	Structure of RNA
18.11.21	7	S K	I	Dose-Response relationship	Quantal and Cumulative
18.11.21	28	VKS	IV	Genetic engineering for human welfare	Human peptide hormone genes
20.11.21	9	VKS	II	Variability	Standard Deviation
22.11.21	15	S K	III	Excretion and Osmoregulation	Regulation of kidney function
23.11.21	16	S K	III	Excretion and osmoregulation	Regulation of kidney function
25.11.21				MONTHLY EVALUATION	
25.11.21	29	VKS	IV	Genetic engineering for human welfare	Human interferon genes
26.11.21	8	S K	I	Antidotal therapy	Procedures

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

27.11.21	9	S K	I	Antidotal therapy	Procedures
29.11.21	10	VKS	II	Normal probability curve	Basic feature
30.11.21	17	S K	III	Excretion and osmoregulation	Cellular permeability : Passive transport
01.12.21	18	S K	III	Excretion and osmoregulation	Cellular permeability : Active transport
01.12.21	30	VKS	IV	Nucleic acid	Synthesis of Nucleic acid
02.12.21				CLASS TEACHING	
02.12.21	31	VKS	IV	Nucleic acid	Synthesis of Nucleic acid
03.12.21	10	S K	I	Selective toxicity	Translocation factor and Biotransformation
07.12.21	11	S K	I	Translocation of chemicals	Membrane barriers
08.12.21	11	VKS	II	Normal distribution curve	Measures of deviation
08.12.21	32	VKS	IV	Genetic engineering for human welfare	Gene for vaccines
09.12.21	1	VKS	III	Muscular System	Structure and type of muscle
09.12.21	33	VKS	IV	Genetic engineering for human welfare	Antenatal diagnosis of hemoglobinopathies
11.12.21	19	S K	III	Excretion and osmoregulation	Salt and water balance
13.12.21				CLASS TEACHING	
14.12.21	12	S K	I	Translocation of chemicals	Storage and depots
15.12.21	13	SK	I	Translocation of chemicals	Biotransformation sites (Phase Ist and Phase IInd reaction)
15.12.21	34	VKS	IV	Nucleic acid	Synthesis of Nucleic acid
16.12.21	20	S K	II	Leishmania	Pathology, Prevention and control
16.12.21	35	VKS	IV	Protein	Protein synthesis
17.12.21	2	VKS	III	Muscular system	Innervations of muscle
18.12.21	3	VKS	III	Nervous system	General organization of Autonomic Nervous System
20.12.21				CLASS TEACHING	
21.12.21	14	SK	I	Phase Ist	Hydrolysis
22.12.21	15	SK	I	Phase Ist	Reduction
22.12.21	36	VKS	IV	Genetic engineering for human welfare	Animal improvement
23.12.21	21	S K	II	Trypanosoma	Pathology, Prevention and control
23.12.21	37	VKS	IV	Protein synthesis	Protein synthesis
24.12.21	4	VKS	III	Nervous system	Regulatory action of Autonomic Nervous System
27.12.21	5	VKS	III	Nervous system	Structure and type of synapse
28.12.21				MONTHALY EVALUATION	
29.12.21	16	S K	I	Phase Ist	Microsomal oxidation and Non microsomal oxidation
29.12.21	38	VKS	IV	Protein synthesis	Protein synthesis
30.12.21	17	S K	I	Phase IInd	Conjugation
30.12.21	39	VKS	IV	Protein	Regulation of Protein synthesis

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

[illegible]

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

--	--	--	--	--	--