

महाराणा प्रताप पी.जी. कालेज, जंगल धूसड़, गोरखपुर

कक्षा : बी.एस-सी. भाग-तीन			पाठ्यक्रम योजना : सत्र २०१५-२०१६		विषय : प्राणि विज्ञान
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.2015	1	V. K. Singh	I	Ecosystem	General organisation and tropic structure
20.07.2015	2	V. K. Singh	I	Ecosystem	Energy flow
20.07.2015	1	R. N. Singh	IV	Glycolysis	Glycolysis
21.07.2015	1	V. K. Singh	II	Fishery	Fish culture
21.07.2015	1	V. K. Singh	IV	Biological tools for recombinant DNA technology	Enzymes
22.07.2015	1	V. K. Singh	II	Fishery	Fish culture
23.07.2015	1	V. K. Singh	III	Nutrition physiology	Balanced diet
24.07.2015				Class Teaching	
25.07.2015	3	V. K. Singh	I	Ecosystem	Energy flow
27.07.2015	4	V. K. Singh	I	Ecological pyramids	Types
27.07.2015	2	R. N. Singh	IV	Glycolysis	Glycolysis
28.07.2015	3	V. K. Singh	II	Fishery	Economic Importance of fishes
28.07.2015	2	V. K. Singh	IV	Biological tools for recombinant DNA technology	Linker
29.07.2015	4	V. K. Singh	II	Fishery	Important food fishes and their diseases
30.07.2015	2	V. K. Singh	III	Nutrition physiology	Regulation of hunger and satiety
31.07.2015	2			Class Teaching	
01.08.2015	5	V. K. Singh	I	Biogeochemical cycle	Nitrogen
03.08.2015	6	V. K. Singh	I	Biogeochemical cycle	Phosphorous
03.08.2015	3	R. N. Singh	IV	Glycolysis	Glycolysis
04.08.2015	5	V. K. Singh	II	Poultry Farming	Poultry farming
04.08.2015	3	V. K. Singh	IV	Biological tools for recombinant DNA technology	Cloning Vectors : Plasmids
05.08.2015	6	V. K. Singh	II	Poultry Farming	Poultry farming
06.08.2015	3	V. K. Singh	III	Nutrition physiology	Regulation of Food movement
07.08.2015				Class Teaching	
08.08.2015	7	V. K. Singh	I	Biogeochemical cycle	Sulphur
10.08.2015	8	V. K. Singh	I	Pollution	Water
10.08.2015	4	R. N. Singh	IV	Kreb's cycle	Kreb's cycle

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11.08.2015	7	V. K. Singh	II	Dairy farming	Important breeds of dairy cattle
11.08.2015	4	V. K. Singh	IV	Biological tools for	Bacteriophage vectors
				recombinant DNA technology	
12.08.2015	8	V. K. Singh	II	Dairy farming	Milk product
13.08.2015	4	V. K. Singh	III	Nutrition physiology	Regulation of secretion of digestive juices
14.08.2015				Class Teaching	
17.08.2015	9	V. K. Singh	I	Pollution	Air
17.08.2015	5	R. N. Singh	IV	Kreb's cycle	Kreb's cycle
18.08.2015	10	V. K. Singh	I	Pollution	Air
18.08.2015	5	V. K. Singh	IV	Biological tools for	Cosmids
				recombinant DNA technology	
20.08.2015	9	V. K. Singh	II	Dairy farming	Balanced diet of milking cow
21.08.2015	10	V. K. Singh	II	Dairy farming	Processing of milk
22.08.2015	5	V. K. Singh	III	Respiration	Mechanism of breathing
23.08.2015				Monthly Evaluation	
24.08.2015	13	V. K. Singh	I	Pollution	Noise
24.08.2015	6	R.N. Singh	IV	Kreb's Cycle	Kreb's Cycle
25.08.2015	14	V. K. Singh	I	Wild Life	Importance and Causes of Destruction
25.08.2015	6	V. K. Singh	IV	Biological Tools for Recombi-	Phagemids
				nant DNA Technology	
26.08.2015	11	V. K. Singh	II	Economic Zoology	Rat menace and its Control
27.08.2015	12	V. K. Singh	II	Economic Zoology	Rat menace and its Control
31.08.2015	6	V. K. Singh	III	Respiration	Regulation of Breathing
31.08.2015	7	R.N. Singh	IV	Electron Transport System	Electron Transport System
01.09.2015				Class Teaching	
01.09.2015	8	R.N. Singh	IV	Electron Transport System	Electron Transport System
03.09.2015	13	V.K.Singh	I	Conservation of wild life	National Park and Sanctuaries
04.09.2015	14	V. K. Singh	I	Conservation of wild life	Boisphere Reserves
07.09.2015	13	V. K. Singh	II	Apis	General Features and Life History
07.09.2015	7	V. K. Singh	IV	Technique of Genetic	Strategies of Recombinant DNA

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				Engineering	Technology
08.09.2015	14	V. K. Singh	II	Apis	Useful Products
08.09.2015	09	R.N.Singh	IV	Electron Transport System	Electron Transport System
09.09.2015	07	V.K.Singh	III	Respiration	Transport of O ₂
10.09.2015				Class Teaching	
11.09.2015	15	V.K.Singh	I	Conservation of Wild Life	Wild Life Organizations
12.09.2015	16	V. K. Singh	I	Community	Basic Structure
14.09.2015	15	V. K. Singh	II	Bombyx	General Features and Life History
14.09.2015	08	V.K.Singh	IV	Technique of Genetic Engineering	DNA(Gene) Library : Genomic Library
15.09.2015	16	V. K. Singh	II	Bombyx	Useful Products
15.09.2015	10	R.N. Singh	IV	Nucleic Acid	Structure of DNA
16.09.2015	08	V.K.Singh	III	Respiration	Transport of CO ₂
18.09.2015				Class Teaching	
19.09.2015	17	V. K. Singh	I	Community	Species Diversity and Dominance
21.09.2015	18	V. K. Singh	I	Ecological Succession	Kinds and Process of Succession
21.09.2015	09	V.K.Singh	IV	Technique of Genetic Engineering	DNA Library: CDNA Library
22.09.2015	17	V. K. Singh	II	Tachardia	Gegeral Features and Life History
22.09.2015	11	R.N.Singh	IV	Nucleic acid	Structure of DNA
23.09.2015	18	V.K.Singh	II	Tachardia	Useful Products
24.09.2015	01	R.N. Singh	III	Blood and Circulation	Regulation of Heart Beat
26.09.15				Monthly Evaluation	
28.09.15	19	V.K.Singh	I	Ecological Succession	Patterns of Succession
28.09.15	10	V.K.Singh	IV	Techonologies in Genetic Engineering	Hybridoma Technology and Production of monoclonal antibodies
29.09.15	20	V.K.Singh	I	Ecological Succession	Patterns of Succession
29.09.15	12	R.N.Singh	IV	Nucleic acid	Structure of DNA
01.10.15	19	V.K.Singh	II	Economically Important Phyto Parasitic Nematodes	General Survey

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03.10.15	20	V.K.Singh	II	Economically Important Insect Pets of Some Crops	General Survey
05.10.15	02	R.N.Singh	III	Blood and Circulation	Haemodynamics
05.10.15	11	V.K.Singh	IV	Technologies in Genetic Engineering	Blotting Techniques Southern Blotting
06.10.15				Class Teaching	
06.10.15	13	R.N.Singh	IV	Nucleic acid	Structure of DNA
07.10.15	21	V.K.Singh	I	Population	Interspecific Relations
08.10.15	22	V.K.Singh	I	Population	Interspecific Relations
09.10.15	21	V.K.Singh	II	Graphical Representation of Data	Histograms
10.10.15	22	V.K.Singh	II	Graphical Representation of Data	Frequency Polygon
14.10.15	03	R.N.Singh	III	Blood and Circulation	Cardiac output
15.10.15				Class Teaching	
16.10.15	23	V.K.Singh	I	Population	Intraspecific Relations
17.10.15	24	V.K.Singh	I	Toxicology	Introduction and Scope
19.10.15	23	V.K.Singh	II	Graphical Representation of Data	Cumulative Frequency Graph / Ogive
19.10.15	12	V.K.Singh	IV	Technologies in Genetic Engineering	Blotting Techniques : Northern and Western Techniques
28.10.15	24	V.K.Singh	II	Central Tendency	Mean
29.10.15	04	R.N.Singh	III	Blood and Circulation	Blood Pressure
30.10.15				Monthly Evaluation	
31.10.15	25	V.K.Singh	I	Environmental Toxicants	Biological and Ecological ill Effects
02.11.15	26	V.K.Singh	I	Environmental Toxicant	Biological and Ecological ill Effects
02.11.15	14	R.N.Singh	IV	Nucleic Acid	Structure of RNA
03.11.15	25	V.K.Singh	II	Central Tendency	Median
03.11.15	13	V.K.Singh	IV	Biotechnological Processes	Nuclear Cloning
04.11.15	26	V.K.Singh	II	Central Tendency	Mode

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05.11.15	05	R.N.Singh	III	Blood and Circulation	Vasomotion
06.11.15				Class Teaching	
07.11.15	27	V.K.Singh	I	Environmental Toxicants	Biological and Ecological ill Effects
14.11.15	28	V.K.Singh	I	Environmental Toxicants	Biological and Ecological ill Effects
16.11.15	27	V.K.Singh	II	Central Tendency	Mode
16.11.15	15	R.N.Singh	IV	Nucleic Acid	Structure of RNA
18.11.15	06	R.N.Singh	III	Blood and Circulation	Blood Volume
19.11.15	09	V.K.Singh	III	Excretion and Osmoregulation	Regulation of Kidney Function
20.11.15				Class Teaching	
21.11.15	29	V.K.Singh	I	Dose-Response Relationship	Graded
23.11.15	30	V.K.Singh	I	Dose-Response Relationship	Quantal and Cumulative
23.11.15	14	V.K.Singh	IV	Biotechnological Processes	Cellular Interaction
24.11.15	28	V.K.Singh	II	Variability	Standard Deviation
24.11.15	16	R.N.Singh	IV	Nucleic Acid	Structure of RNA
25.11.15	10	V.K.Singh	III	Excretion and Osmoregulation	Regulation of Kidney Function
26.11.15	11	V.K.Singh	III	Excretion and Osmoregulation	Cellular Permeability: Passive transport
27.11.15				Monthly Evaluation	
28.11.15	31	V.K.Singh	I	Antidotal Therapy	Procedures
30.11.15	32	V.K.Singh	I	Antidotal Therapy	Procedures
30.11.15	15	V.K.Singh	IV	Genetic Engineering for Human Welfare	Human Peptide Hormone Genes
01.12.15	29	V.K.Singh	II	Variability	Standard Deviation
01.12.15	17	R.N.Singh	IV	Nucleic Acid	Synthesis of Nucleic Acid
03.12.15	12	V.K.Singh	III	Excretion and Osmoregulation	Cellular Permeability: Active transport
07.12.15	13	V.K.Singh	III	Excretion and Osmoregulation	Salt and Water Balance
07.12.15	16	V.K.Singh	IV	Genetic Engineering for Human Welfare	Human Interferon Genes
08.12.15				Class Teaching	
08.12.15	18	R.N.Singh	IV	Protein Synthesis	Protein Synthesis
09.12.15	33	V.K.Singh	I	Selective Toxicity	Translocation Factors and

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					Biotransformation Factors
11.12.15	34	V.K.Singh	I	Translocation of Chemicals	Membrane Barriers
12.12.15	30	V.K.Singh	II	Normal Probability Curve	Basic Features
14.12.15	14	V.K.Singh	III	Excretion and Osmoregulation	Salt and Water Balance
14.12.15	17	V.K.Singh	IV	Genetic Engineering for Human Welfare	Genes for Vaccines
15.12.15	15	V.K.Singh	III	Muscular System	Structure and Types of Muscles
15.12.15	19	R.N.Singh	IV	Protein Synthesis	Protein Synthesis
16.12.15				Class Teaching	
17.12.15	35	V.K.Singh	I	Translocations of Chemicals	Storage Depots
18.12.15	36	V.K.Singh	I	Translocations of Chemicals	Biotransformation Sites(Phase Ist and Phase II Recation)
19.12.15	31	V.K.Singh	II	Normal Distribution Curve	Measures of Deviations
21.12.15	16	V.K.Singh	III	Muscular System	Innervatidn of muscle
21.12.15	18	V.K.Singh	IV	Genetic Engineering for Human Welfare	Prevention, Diagnosis and Cure of Disease
22.12.15	17	V.K.Singh	III	Muscular System	Excitation and Contraction Coupling
22.12.15	20	R.N.Singh	IV	Protein Synthesis	Protein Synthesis
28.12.15				Monthly Evaluation	
28.12.15	19	V.K.Singh	IV	Genetic Engineering for Human Wellfare	Antenatal Diagnosis of Haemoglobinopathies
29.12.15	37	V.K.Singh	I	Phase Ist	Hydrolysis and Reduction
29.12.15	21	R.N.Singh	IV	Protein Synthesis	Protein Synthesis
30.12.15	38	V.K.Singh	I	Phase Ist	Nonmicrosomal Oxidation and Microsomal Oxidation
31.12.15	32	V.K.Singh	II	Pathology Prevention and Control	Leishmania and Trypanosoma
01.01.16	18	V.K.Singh	III	Muscular System	Chemical Basis of Muscle Contraction
02.01.16	07	R.N.Singh	III	Nervous System	General Organization of Autonomic Nervous System

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04.01.16				Class Teaching	
04.01.16	20	V.K.Singh	IV	Genetic Engineering for Human Welfare	DNA Fingerprinting
06.01.16	39	V.K.Singh	I	Phase II	Conjugation
07.01.16	40	V.K.Singh	I	Toxicological Testing Methods	Mortality Tests
08.01.16	33	V.K.Singh	II	Pathology, Prevention and Control	Heterodera and Tribolium
09.01.16	08	R.N.Singh	III	Nervous System	General Organization of Autonomic Nervous System
11.01.16	09	R.N.Singh	III	Nervous System	Regulatory Action of Autonomic Nervous System
11.01.16	22	R.N.Singh	IV	Protein Synthesis	Regulation of Protein Synthesis
12.01.16				Class Teaching	
12.01.16	21	V.K.Singh	IV	Genetic Engineering for Human Welfare	Animal and Plant Improvement
13.01.16	41	V.K.Singh	I	Toxicological Testing Methods	Mortality Test
16.01.16	34	V.K.Singh	II	Diseases Transmitted and Control	Mosquitoes
18.01.16	35	V.K.Singh	II	Diseases Transmitted and Control	House Fly
18.01.16	23	R.N.Singh	IV	Protein Synthesis	Regulation of Protein Synthesis
19.01.16	10	R.N.Singh	III	Nervous System	Synaptic Transmission
19.01.16	24	R.N.Singh	IV	Immune Response	Immune Response
20.01.16	19	V.K.Singh	III	Endocrine Regulation	Hypothalamo-Hypophyseal System
21.01.16				Class Teaching	
22.01.16	42	V.K.Singh	I	Toxicity Testing Methods	Acute, Subacute and Chronic Toxicity
23.01.16	43	V.K.Singh	I	Toxicity Tests	Skin, Eye, Behavioural and Biochemical
25.01.16	20	V.K.Singh	III	Endocrine Regulation	Hormonal Action at Cellular Level

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25.01.16	25	R.N.Singh	IV	Immune Response	Immune Response
27.01.16	21	V.K.Singh	III	Endocrine Regulation	Hormonal Action At Cellular Level
28.01.16	22	V.K.Singh	III	Endocrine Regulation	Cyclic AMP
29.01.16	23	V.K.Singh	III	Thermoregulation in Homeotherms	Mechanism
30.01.16				Monthly Evaluation	
*	44	V.K.Singh	I	Toxicity Tests	Reproductive, Psysiological and Haematological
*	45	V.K.Singh	I	Toxicity Tests	Carcinogenic, Histopathological and Teratogenic
* = Extra Lecture					