

Dept. Of Zoology
Academic Calendar (July 2023- March 2024)

Academic Quarter	Class	Name of the Teachers	Topics to be covered	No. Of Lectures	Tests
July 2023 To September 2023	1 st Yr	Ms. Kartik SM Mrityunjay Mr. Rajesh Azad Ms.Kavita Dhiman	Th: Non-Chordate Classification: Cnidaria, Arthropoda, Polymorphism in Cnidaria Pr: Study of slides and specimen	4+1	Class tests after 40% completion of the syllabus in September
	1 st Yr		Th: Non-Chordate Classification: Annelida, Arthropoda	2	
	2 nd Yr		Th: Genetics Replication, Transcription Pr: Pedigree Analysis	4+3	
	2 nd Yr		Th: Evolutionary Biology Darwinism and synthetic theory of evolution Pr: study of Mendelian inheritance	2+2	
	3 rd Yr		Th: Immunology Immune system, cells and organs of the immune system Pr: study of blood groups Applied Zoology Mosquito-borne diseases Pr: study of slides of insects	6+2	
September 23 to December 23 (Jan1-feb5), Winter Break)	1 st Yr		Th: Nonchordates Mollusca, arthropoda, echinoder mata. Pr: Study of slides of invertebrates	2+1	House Exams after completion of 75% of the syllabus to be held in Dec.2023
	1 st Yr		Th: Non-Chordate Osteichthys & chondrichthyes	4	
	2 nd Yr		Th: Genetics Translation, Gene Expression Pr: Human karyotype	4+2	

	2 nd Yr	Th: glycolysis, Krebs cycle Mechanism of replication, transcription. Pr: lowry method	3+1
	3 rd Yr	Th: applied zoology Study of insect pests	2

January 24 To March 24	1 st Yr(H)	Th: Non-Chordate Coral reef, Gas exchange by gills and trachea in Arthropods. Pr: Study of skeleton	4+1	
	1 st Yr(G)	Th: comparative account of vertebrates Developmental Biology Placentation, gametogenesis , fertilization	10	
	2 nd Yr(H)	Th: Biochemistry and Physiology and Pr: Biochemical tests, Preparation of Buffers.	5+3	
	2 nd Yr(G)	Physiology and Biochemistry Formed elements in vertebrate blood Muscle, digestive, respiratory system PrHeamin crystals	2+1	
	3 rd Yr(H)	Immunology Concept of antigen and antigen presentation, Major Histocompatibility Complex, Cytokines. Th: Revision	2	
				HP University Examination in April -May 2024

