Km. Mayawati Govt. Girls P.G. College, Badalpur, G.B. Nagar

Dept of Zoology: Ist Semester : Assignments: M.Sc.-Ist Semester July 2022- Dec-2022

Presentation Time: 2.30 PM

Instructions for assignments

- *Mark of Each Assignment: 5 (Deduction of Marks: 1 mark deducted for Late Submission and 1 for late personation.)*
- *All student presentation recorded online and uploaded on college YouTube account.*
- *Presentation mode (online/offline) will be update before presentation date depending upon COVID19 situations.*
- *Everyone email your assignments to concerned teacher email - Dr Dinseh C. Sharma (zoologyhod.kmggpgc@gmail.com) Dr. Surender Kumar (zoologyhod2.kmggpgc@gmail.com) Smt. Neetu Singh (zoologyhod1.kmggpgc@gmail.com)*
- *Submit your project title upto 15 January 2022 to Dr. Azmi Naqvi, Dr. Naqvi allotted Project supervisor with consultation of HOD and faculty upto **30 January 2022***
- *Submit your recorded presentation To Dr. Azad Alam Siddique for upload on YouTube, Concerned teacher ensure this.*
- *Teacher will revert your evaluated assignments and internals by email, you can check and raise your point of view (if any) within one week, after that marks will be uploaded.*
- Tentative date of internals: Third week of January 2022 and February 2022

Class Roll Number	Name of Student	*Code: H-1062: Economic Zoology and Taxonomy*						*Code: H-1063: Evolutionary Biology*						*Code: H-1064: Non-Chordata*						*Code: H-1065: Cell and Molecular Biology*					
		Assignment & Presentation						*Assignment & Presentation*						*Assignment & Presentation*						*Assignment & Presentation*					
		Lecture By→			***Smt. Neetu Singh***			***Smt. Neetu Singh***						***Dr. Surender Kumar***						***Dr. Dinesh C. Sharma***					
		Replacement Lecture by→			*Dr. Azmi Naqvi*			*Dr. Azmi Naqvi*						*Miss Sumbul Zehra*						*Miss Sumbul Zehra*					
		FIRST ASSIGNMENT	Submission Last Date	Presentation date	SECOND ASSIGNMENT	Last Date	Presentation date	FIRST ASSIGNMENT	Submission Last Date	Presentation date	SECOND ASSIGNMENT	Last Date	Presentation date	FIRST ASSIGNMENT	Submission Last Date	Presentation date	SECOND ASSIGNMENT	Submission Last Date	Presentation date	FIRST ASSIGNMENT	Submission Last Date	Presentation date	SECOND ASSIGNMENT	Last Date	Presentation date
1	ABHILASHA NAGAR	PRINCIPLES OF ZOOLOGICAL CLASSIFICATION	12-01-22	14-01-22	DOMESTIC ANIMALS-POULTRY AND CATTLE	15-02--22	18-02-22	ABIOTIC AND BIOTIC EVOLUTION	16-01-22	18-01-22	EVOLUTION OF HORSE	20-02--22	23-02-22	CNIDERIA: IMPORTANT FEATURES, OUTLINE CLASSIFICATION	20-01-22	23-01-22	BODY WALL AND SKELETON OF ECHINODERMATA	01-03-22	04-03-22	PROKARYOTIC VS EUKARYOTIC CELLS AND ORGANIZATION OF EUKARYOTIC CELLS	28-01-22	30-01-22	CELL ADHESION & CELL JUNCTIONS	12-03-22	15-03-22
2	ADITI SHARMA	MODERN TRENDS IN TAXONOMY	12-01-22	14-01-22	WOOL INDUSTRY	15-02--22	18-02-22	THEORIES OF ORGANIC EVOLUTION	16-01-22	18-01-22	MOLECULAR EVOLUTION: CONCEPTS OF NEUTRAL EVOLUTION	20-02--22	23-02-22	PLATYHELMINTHS: IMPORTANT FEATURES, OUTLINE CLASSIFICATION	20-01-22	23-01-22	TORSION AND DETORSION IN GASTROPODA	01-03-22	04-03-22	CELL CYCLE	28-01-22	30-01-22	CHROMOSOM, TYPE, STRUCTURE, CHEMICAL COMPOSITION AND FUNCTIONS OF CHROMOSOMES	12-03-22	15-03-22
3	AKANSHA	EXPLAIN THE PRINCIPAL OF ZOOLOGICAL CLASSIFICATION	10-01-22	12-01-22	WRITE ESSAY ON DAIRY PRODUCTS	15-02--22	18-02-22	EXPLAIN THEORY OF EVOLUTION	16-01-22	18-01-22	EXPLAIN ALOPATRICITY AND SYMPATRICITY	20-02--22	23-02-22	DEFINE THE GENERAL CHARACTERS OF PLATYHELMINTH AND OUTLINE CLASSIFICATION	20-01-22	23-01-22	DETORSION AND TORSION	01-03-22	04-03-22	EXPLAIN THE FUNCTION OF PLASMA MEMBRANE	28-01-22	30-01-22	EXPLAIN THE STRUCTURE OF CELL WITH THE HELP OF DIAGRAM	12-03-22	15-03-22
4	AKANSHA NAGAR	BEHAVIOURAL TAXONOMY	12-01-22	14-01-22	LEATHER INDUSTRY	15-02--22	18-02-22	EMERGENCE OF EVOLUTIONARY THOUGHTS	16-01-22	18-01-22	MOLECULAR DIVERGENCE AND MOLECULAR CLOCKS & MOLECULAR TOOLS IN PHYLOGENY	20-02--22	23-02-22	ANNELIDA: IMPORTANT FEATURES, OUTLINE CLASSIFICATION	20-01-22	23-01-22	INTEGUMENTARY SYSTEM OF ARTHROPODA	01-03-22	04-03-22	CANCER	28-01-22	30-01-22	PROKARYOTIC AND EUKARYOTIC GENOME	12-03-22	15-03-22

14	13	12	11	10	9	8	7	6	5
PRAGATI	POONAM	NISHA	KM SONIYA	KM JYOTI	KAJAL SHUKLA	JYOTI TOMAR	DEEKSHA SHARMA	ANJALI	AMAN BHATI
PROCEDURES IN TAXONOMY	ANIMAL AS FOOD IN PIGGERY	MOLECULAR TAXONOMY	CYTOTAXONOMY	RULES OF ZOOLOGICAL NOMENCLATURE	WRITE AN ESSAY ON FISH PRODUCTS	EXPLAIN THE PROCEDURE OF TAXONOMY	CHEMOTAXONOMY	DEFINE THE CONCEPT OF SPECIES WITH THE HELP OF SUITABLE EXAMPLE	RULE OF ZOOLOGICAL NOMENCLATURE
12-01-22	10-01-22	12-01-22	12-01-22	10-01-22	10-01-22	10-01-22	12-01-22	10-01-22	10-01-22
14-01-22	12-01-22	14-01-22	14-01-22	12-01-22	12-01-22	12-01-22	14-01-22	12-01-22	12-01-22
ANIMALS AS FOOD – FISH PRODUCTS	WRITE AN ESSAY ON WOOL INDUSTRY	ANIMALS AS FOOD – DAIRY PRODUCTS	ANIMALS AS FOOD – PIGGERY	PEARL CULTURE	WRITE AN ESSAY ON CATTLE	MOLECULAR TAXONOMY	ANIMALS AS FOOD – PEARL	MODERN TRENDS IN TAXONOMY	WRITE AN ESSAY ON SERICULTURE
15-02--22	15-02--22	15-02--22	15-02--22	15-02--22	15-02--22	15-02--22	15-02--22	15-02--22	15-02--22
18-02-22	18-02-22	18-02-22	18-02-22	18-02-22	18-02-22	18-02-22	18-02-22	18-02-22	18-02-22
DISTRIBUTION OF ANIMALS: DISTRIBUTION WITH TIME	EVOLUTION OF MAN	DISTRIBUTION OF ANIMALS: DISTRIBUTION WITH SPACE	ORIGIN AND EVOLUTION OF ECONOMICALLY IMPORTANT MICROBES AND ANIMALS (ELEPHANT),	COLORATION AND MIMICRY	DISPERSAL OF ANIMALS	ORIGIN OF HORSE	ORIGIN AND EVOLUTION OF ECONOMICALLY IMPORTANT MICROBES AND ANIMALS (HORSE).	EXPLAIN ORIGIN OF LIFE	ORIGIN OF NEW GENE AND PROTEIN
16-01-22	16-01-22	16-01-22	16-01-22	16-01-22	16-01-22	16-01-22	16-01-22	16-01-22	16-01-22
18-01-22	18-01-22	18-01-22	18-01-22	18-01-22	18-01-22	18-01-22	18-01-22	18-01-22	18-01-22
MECHANISM OF EVOLUTION: ISOLATING MECHANISM	EVOLUTION OF ELEPHANT	EVOLUTION OF MAN	ORIGIN OF NEW GENES AND PROTEINS, GENE DUPLICATION AND DIVERGENCE	EXPLAIN NATURAL SELECTION	CONCEPTS OF EVOLUTION	ORIGIN AND EVOLUTION OF ECONOMICALLY MICROBES	EVOLUTION OF ELEPHANT	ABIOTIC AND BIOTIC EVOLUTION	ANIMAL DISTRIBUTION WITH SPACE AND TIME
20-02--22	20-02--22	20-02--22	20-02--22	20-02--22	20-02--22	20-02--22	20-02--22	20-02--22	20-02--22
23-02-22	23-02-22	23-02-22	23-02-22	23-02-22	23-02-22	23-02-22	23-02-22	23-02-22	23-02-22
ECHINODERMATA: IMPORTANT FEATURES, OUTLINE CLASSIFICATION	EXPLAIN THE CHARECTERSTIC AND OUTLINE CLASSIFICATION	MOLLUSCA: IMPORTANT FEATURES, OUTLINE CLASSIFICATION,	ONYCHOPHORA: IMPORTANT FEATURES, OUTLINE CLASSIFICATION	REGENERATION IN SPONGES	EXPLAIN POLYMORPHISM IN COELENTERATES	REPRODUCTION IN PROTOZOA	ARTHROPODA: IMPORTANT FEATURES, OUTLINE CLASSIFICATION	LOCOMOTION IN PROTOZOA	GENERAL ORGANIZATION OF MINOR NON COELOMATE PHYLA
20-01-22	20-01-22	20-01-22	20-01-22	20-01-22	20-01-22	20-01-22	20-01-22	20-01-22	20-01-22
23-01-22	23-01-22	23-01-22	23-01-22	23-01-22	23-01-22	23-01-22	23-01-22	23-01-22	23-01-22
EXCRETORY SYSTEM OF ANNELIDA	SEGMENTATION OF ANNELIDA	SEGEMENTATION AND COELOME OF ANNELIDA	LARVAL FORMS IN CRUSTACEAN.	ORGANELLES IN PROTOZOA	EXPLAIN ORGANISM IN COELENTERATES AND DIFF. WITH MUTAGENESIS	CORAL AND CORAL REEFS	RESPIRATORY SYSTEM OF ARTHROPODA	SKELETON OF PORIFERA	AFFINITY OF HEMICHORDATES
01-03-22	01-03-22	01-03-22	01-03-22	01-03-22	01-03-22	01-03-22	01-03-22	01-03-22	01-03-22
04-03-22	04-03-22	04-03-22	04-03-22	04-03-22	04-03-22	04-03-22	04-03-22	04-03-22	04-03-22
CYTOSKELETON	STRUCTURE OF CILIA AND FLAGELLA	FUNCTIONS OF PLASMA MEMBRANE	ORGANIZATION OF LIPIDS & PROTEINS, SPECIFIC MEMBRANE PROTEINS	DNA REPLICATION	CELL DIVISION	CYTOSKELETON	MODELS ON THE FINE STRUCTURE OF BIOMEMBRANE INCLUDING DETAILED FLUID MOSAIC MODEL,	ANALYSIS OF DIFFERENT ORGANELLES IN PROKARYOTIC CELL THROUGH THEIR FUNCTIONS	TYPES OF CHROMOSOMES
28-01-22	28-01-22	28-01-22	28-01-22	28-01-22	28-01-22	28-01-22	28-01-22	28-01-22	28-01-22
30-01-22	30-01-22	30-01-22	30-01-22	30-01-22	30-01-22	30-01-22	30-01-22	30-01-22	30-01-22
ORIGIN, STRUCTURE AND FUNCTION OF ENDOSOME, LYSOSOMES	CHEMICAL COMPOSITION OF CHROMOSOMES	ORIGIN, STRUCTURE AND FUNCTION OF PEROXYSOME, CENTROSOME	ORIGIN, STRUCTURE AND FUNCTION OF ENDOPLASMIC RETICULUM	FUNCTIONS OF PLASMA MEMBRANE	ROLE OF APOPTOSIS IN GROWTH AND DEVELOPMENT	CELL CYCLE	ORIGIN, STRUCTURE AND FUNCTION OF GOLGI COMPLEX,	EXPLAIN THE STRUCTURE AND FUNCTION OF DNA	CELL STRUCTURE AND FUNCTION OF ITS ORGANELLES
12-03-22	12-03-22	12-03-22	12-03-22	12-03-22	12-03-22	12-03-22	12-03-22	12-03-22	12-03-22
15-03-22	15-03-22	15-03-22	15-03-22	15-03-22	15-03-22	15-03-22	15-03-22	15-03-22	15-03-22

15	SAKSHI NAGAR	WRITE AN ESSAY ON PSCICULTURE	10-01-22	12-01-22	LEATHER INDUSTRY	15-02--22	18-02-22	MIGRATION	16-01-22	18-01-22	MOLECULAR EVOLUTION	20-02--22	23-02-22	COELOME OF ANNELIDA	20-01-22	23-01-22	EXCRETORY SYSTEM OF ANNELIDA	01-03-22	04-03-22	PROKARYOTIC AND EUKARYOTIC GENOME	28-01-22	30-01-22	STRUCTURE OF DNA	12-03-22	15-03-22
16	SHANAZ	WRITE AN ESSAY ON POULTRY	10-01-22	12-01-22	WRITE AN ESSAY ON APICULTURE	15-02--22	18-02-22	DIFFERENCE BETWEEN MICRO AND MACRO EVOLUTION	16-01-22	18-01-22	PHYLOGENETIC GRADUALISM	20-02--22	23-02-22	INTIGUMENTARY SYSTEM OF ARTHROPODA	20-01-22	23-01-22	CLASSIFICATION OF ARTHROPODA	01-03-22	04-03-22	CA++ INDEPENDENT CELL-CELL ADHESION	28-01-22	30-01-22	STRUCTURE OF RNA	12-03-22	15-03-22
17	SHIKHA BAISLA	INSECT PEST	10-01-22	12-01-22	BIOLOGICAL CONTROL AND BIOLO GICAL INDIGATOR	15-02--22	18-02-22	SPECIATION	16-01-22	18-01-22	SEXUAL SELECTION	20-02--22	23-02-22	CLASSIFICATION OF MOLLUSCA	20-01-22	23-01-22	FOOT AND MODIFICATION OF MOLLUSCA	01-03-22	04-03-22	CELL COMMUNICATION	28-01-22	30-01-22	CELL DEATH	12-03-22	15-03-22
18	SHIVANI	TAXONOMIC COLLECTION AND PROCESS OF IDENTIFICATION	10-01-22	12-01-22	CHEMOTAXONOMY	15-02--22	18-02-22	ADAPTATION	16-01-22	18-01-22	EVIDANCE OF EVOLUTION	20-02--22	23-02-22	CLASSIFICATION OF ECHINODERMATA	20-01-22	23-01-22	LARVAL FORM OF ARTHROPODA	01-03-22	04-03-22	CELL ORGANISM AND THEIR FUNCTION	28-01-22	30-01-22	GERM PLASM	12-03-22	15-03-22
19	SHRISHTI	CYTOTAXONOMY	10-01-22	12-01-22	BEHAVIOURAL TAXONOMY	15-02--22	18-02-22	MOLECULAR TOOLS IN PHYLOGENY	16-01-22	18-01-22	ORIGIN OF NEW SPECIES	20-02--22	23-02-22	CLASSIFICATION OF HEMICHORDATA	20-01-22	23-01-22	LARVAL FORM OF ECHINODERMATA	01-03-22	04-03-22	REGULATION IN AMPHIBIAN DEVLOPMENT	28-01-22	30-01-22	CELL JUNCTION	12-03-22	15-03-22
20	SHRISHTI VATS	TAXONOMIC COLLECTIONS, PROCESS OF IDENTIFICATION	12-01-22	14-01-22	RULES OF ZOOLOGICAL NOMENCLATURE (ICZN), INTERPRETATION OF RULES OF NOMENCLATURE	15-02--22	18-02-22	DISPERSAL OF ANIMALS: MEANS, BARRIERS	16-01-22	18-01-22	SPECIATION, ALOPATRICITY AND SYMPATRICITY	20-02--22	23-02-22	MINOR NON COELOMATA PHYLA: GENERAL ORGANIZATION, CLASSIFICATION AND AFFINITIES OF PHYLUM ROTIFERA AND ACANTHOCEPHALA	20-01-22	23-01-22	REGENERATION IN OF ANNELIDA	01-03-22	04-03-22	ORIGIN, STRUCTURE AND FUNCTION OF MITOCHONDRIA	28-01-22	30-01-22	THE NUCLEUS-NUCLEAR ENVELOPE, NUCLEOLUS	12-03-22	15-03-22
22	SONAM	DEFINITION, CONCEPTS, HISTORY, SCOPE AND APPLICATIONS OF BIOSYSTEMATICS.	10-01-22	12-01-22	PSCICULTURE	15-02--22	18-02-22	ORIGIN OF LIFE INCLUDING ASPECTS OF PRE-BIOTIC ENVIRONMENT	16-01-22	18-01-22	CONCEPTS OF EVOLUTION: MICRO EVOLUTION, MACRO EVOLUTION, PHYLOGENETIC GRADUALISM	20-02--22	23-02-22	PROTOZOA: GENERAL CHARACTERS, OUTLINE CLASSIFICATION	20-01-22	23-01-22	HEMICHORDATA: GENERAL ORGANIZATION, CLASSIFICATION AND AFFINITIES.	01-03-22	04-03-22	INTRODUCTION TO THE CELL, CELL THEORY, ULTRASTRUCTURE OF THE CELL	28-01-22	30-01-22	CELL COMMUNICATION	12-03-22	15-03-22
22	VINITA	TAXONOMIC PROCEDURE OF CLASSIFYING, DESCRIPTION AND PUBLICATION	12-01-22	14-01-22	PRINCIPLES AND APPLICATION OF ZOOLOGICAL NOMENCLATURE	15-02--22	18-02-22	MIGRATION	16-01-22	18-01-22	CONVERGENT EVOLUTION; SEXUAL SELECTION; CO-EVOLUTION, NATURAL SELECTION	20-02--22	23-02-22	MINOR COELOMATE PHYLA: GENERAL ORGANIZATION, CLASSIFICATION AND AFFINITIES OF PHYLUM CHAETOGNATHA, POGONOPHORA, PHORONIDA AND BRACHIOPODA.	20-01-22	23-01-22	IMPORTANT FEATURES, OUTLINE CLASSIFICATION OF NEMATHELMINTHES	01-03-22	04-03-22	ORIGIN, STRUCTURE AND FUNCTION OF RIBOSOMES	28-01-22	30-01-22	STRUCTURE OF DNA	12-03-22	15-03-22

Prof. (Dr.) Divya Nath
Principal

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