

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

Dept of Zoology: IIIRd Semester : Specializations-Cytology and cytogenetics

Assignments: M.Sc.-IIIrd July 2020- Dec-2020

Presentation Time: 2.30 PM online class

R. No	NAME OF STUDENTS	COURSE IX: Chordata			Course X : Developmental Biology			Course XI : Environmental Biology			Course XII : Animal Behavior			
		Assignment & Presentation			Assignment & Presentation			Assignment & Presentation			Assignment & Presentation			
		Topic	Last date	Presnt Date	Topic	Last date	Presnt Date	Topic	Last date	Presnt Date	Topic	Last date	Presnt Date	
1	ALISHBA	Origin & Evolution of Chordate	30 Sep 20	01 Oct 20	History background and theories of development	14 Oct 20	15 Oct 20	Physical environment	20 Oct 20	21 Oct 20	Social behaviour advantages of groupings, development, social organization in primates	02 Nov 20	03 Nov 20	
2	HIMANSHI	General Organization & Affinities of Larvacea	30 Sep 20	01 Oct 20	Parthenogenesis	14 Oct 20	15 Oct 20	biotic environment	20 Oct 20	21 Oct 20	Social behaviour advantages of groupings, development, social organization in insects	20 Oct 20	03 Nov 20	
3	JAYA	General Organization & Affinities of Thaliacea	30 Sep 20	01 Oct 20	Basic concepts of development	14 Oct 20	15 Oct 20	biotic and abiotic interactions	20 Oct 20	21 Oct 20	Social structures, social dominance, domestication	20 Oct 20	03 Nov 20	
4	KALPNA SHISHODIA	General Organization & Affinities of Cephalochordate	30 Sep 20	01 Oct 20	genomic equivalence and the cytoplasmic determinants	14 Oct 20	15 Oct 20	Concept of habitat and niche; niche width and overlap	20 Oct 20	21 Oct 20	Endocrine secretions, neuroendocrine control mechanism in certain behavioural patterns	20 Oct 20	03 Nov 20	
5	KM MINAKSHI KORI	Introduction, Origin and Evolution of Vertebrates	30 Sep 20	01 Oct 20	imprinting	14 Oct 20	15 Oct 20	fundamental and realized niche; resource partitioning; character displacement	20 Oct 20	21 Oct 20	Neuroendocrine control of behaviour	20 Oct 20	03 Nov 20	
6	KM VERSHA	General and Comparative Account of Integumentary System	30 Sep 20	03 Oct 20	mutants and transgenics in analysis of development	14 Oct 20	16 Oct 20	Major terrestrial biomes; theory of island biogeography	20 Oct 20	22 Oct 20	Introduction, definition, classification and role of hormones behavioural patterns	20 Oct 20	03 Nov 20	
7	KM VINITA	General and Comparative Account of Urinogenital System	30 Sep 20	03 Oct 20	Process of Spermatogenesis and spermigensis	14 Oct 20	16 Oct 20	biogeographical zones of India	20 Oct 20	22 Oct 20	Pheromones and behaviour	20 Oct 20	22 Oct 20	
8	MAMTA	General Characters, Special Characters, General Organization and Affinities of Obstracoderm	30 Sep 20	03 Oct 20	Process of oogenesis	14 Oct 20	16 Oct 20	Characteristics of a population; population growth curves; population regulation	20 Oct 20	22 Oct 20	hormones in relation to different behavioural patterns	20 Oct 20	22 Oct 20	
9	MAMTA RANI	General Characters, Special Characters, General Organization and Affinities of Coelacanthiformes	30 Sep 20	03 Oct 20	Process of fertilization	14 Oct 20	16 Oct 20	life history strategies (<i>r</i> and <i>K</i> selection)	20 Oct 20	22 Oct 20	Neural structures, general pattern of nervous system in animals	20 Oct 20	22 Oct 20	
10	MANISHA	General Characters, Special Characters of Amphibia	30 Sep 20	03 Oct 20	Process of gastrulation	14 Oct 20	16 Oct 20	concept of metapopulation – demes and dispersal, interdemic extinctions, age structured populations	20 Oct 20	22 Oct 20	Biological rhythms-orientation and navigation	20 Oct 20	22 Oct 20	
11	MANISHA BHATI	Parental Care of Amphibia	30 Sep 20	05 Oct 20	invegination, involution, infiltration, delamination	14 Oct 20	17 Oct 20	Species interactions: Types of interactions, interspecific competition, herbivory, carnivory, pollination, symbiosis	20 Oct 20	23 Oct 20	Biological rhythms- migration	20 Oct 20	23 Oct 20	

12	MEGHA BAISOYA	Neoteny and Paedogenesis	30 Sep 20	05 Oct 20	mechanisms, accessory processes of gastrulation conrescence and convergence	14 Oct 20	17 Oct 20	Nature of communities; community structure and attributes	20 Oct 20	23 Oct 20	biological clocks	20 Oct 20	23 Oct 20	
13	NEHA CHAUHAN	General Characters, Special Characters, Types & Peculiarities of Dinosaurs	30 Sep 20	05 Oct 20	metamorphosis in insects and amphibians	14 Oct 20	17 Oct 20	levels of species diversity and its measurement; edges and ecotones	20 Oct 20	23 Oct 20	Circadian and circannual rhythms	20 Oct 20	23 Oct 20	
14	NEHA RANI	General Organization of Chelonia	30 Sep 20	05 Oct 20	biochemical and morphological metamorphic changes	14 Oct 20	17 Oct 20	Ecosystem: Structure and function	20 Oct 20	23 Oct 20	Environmental perceptions- chemical, olfactory, auditory and visual	20 Oct 20	23 Oct 20	
15	PRIYANKA PATEL	General Characters, Special Characters of Birds	30 Sep 20	05 Oct 20	hormonal control of metamorphosis	14 Oct 20	17 Oct 20	Structure and function; energy flow and mineral cycling (CNP); primary production and decomposition	20 Oct 20	23 Oct 20	Environmental perceptions- Mechanical, electrical	20 Oct 20	23 Oct 20	
16	SHAILY BHATI	Flight Adaptation	30 Sep 20	06 Oct 20	Regenerative potentials in different animal groups	14 Oct 20	19 Oct 20	structure and function of some Indian ecosystems: terrestrial (forest, grassland)	20 Oct 20	24 Oct 20	the forms of signals, communication in animals as language	20 Oct 20	24 Oct 20	
17	Shalini Kumari	Migration in Birds	30 Sep 20	06 Oct 20	mechanism of regeneration in amphibian and <i>planeria</i>	14 Oct 20	19 Oct 20	structure and function of some Indian ecosystems: aquatic (fresh water, marine, eustarine)	20 Oct 20	24 Oct 20	Study of communication, messages and their meanings	20 Oct 20	24 Oct 20	
18	SHWEETA BHATI	Territorial Behavior of Birds	30 Sep 20	06 Oct 20	Introduction, consequences of aging, causes of aging, control of aging through genes and aging of cells <i>in vitro</i> , Carrel's immortal cells.	14 Oct 20	19 Oct 20	Types; mechanisms; changes involved in succession; concept of climax	20 Oct 20	24 Oct 20	neural basis of learning, memory in animals	20 Oct 20	24 Oct 20	
19	SONAM	General and Special Characters Of Mammals, Organization & Affinities of Prototheria.	30 Sep 20	06 Oct 20	Causes of abnormal development, therapeutic drugs as teratogens, drug testing, experimental teratology	14 Oct 20	19 Oct 20	Environmental pollution; global environmental change; biodiversity status, monitoring and documentation	20 Oct 20	24 Oct 20	Definition, forms, development and mechanism of learning	20 Oct 20	24 Oct 20	
20	SONIKA	General Organization and Affinities of Marsupialia	30 Sep 20	06 Oct 20	Etiology, growth and differentiation of tumor cells, cell growth and oncogenesis	14 Oct 20	19 Oct 20	major drivers of biodiversity change; biodiversity management approaches	20 Oct 20	24 Oct 20	Individual behavioural patterns	20 Oct 20	24 Oct 20	
21	TANU SHARMA	Aquatic Mammals With Reference to Cetaceae	30 Sep 20	06 Oct 20	loss of homeostatic control, growth and invasiveness of placenta	14 Oct 20	19 Oct 20	Indian case studies on conservation/ management strategy (Project Tiger, Biosphere reserves).	20 Oct 20	24 Oct 20	Stereotyped behaviour	20 Oct 20	24 Oct 20	

Note:

- *Mark of Each Assignment: 5*
- *All students recorded online and uploaded on college YouTube account*
- *Deduction of Marks: 1 mark deducted for Late Submission and 1 for late personation.*
- *Your presentation monitored, marked and recorded by Mrs. Sumbul Zehra or Smt. Kamlesh Kaushal or allotted by HOD*