

Lesson Plan (2020-21)

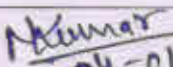
Name of Assistant/Associate Professor: Mr. Naveen kumar

B.Sc. I Sem.

Subject: Zoology(ZOO-101L and ZOO-102L)

Lesson Plan: From November 2020 to February 2021

November 2020	
	Topic Covered
Week 2 (16 th to 20 th November)	1: Kingdom Unit Protista General characters and classification up to classes; Locomotory Organelles and locomotion in Protozoa
Week 3 (23 th to 27 th (November)	Unit 2: Phylum Porifera General characters and classification up to classes; Canal System in Sycon
Week 4 (30 th November to 05 December)	Unit 3: Phylum Cnidaria General characters and classification up to classes; Polymorphism in Hydrozoa
December 2020	
	Topic Covered
Week 2 (7 th to 12 th December)	Unit 4: Phylum Platyhelminthes General characters and classification up to classes; revision and oral test of Porifera and cnidaria
Week 3 (14 th to 19 th December)	Life history of Taeniasolium, General characters and classification up to classes of phylum nematehelminthes, group discussion.
Week 4 (21 th to 26 th December)	Life history of Ascarislumbricoides and its parasitic adaptations .General characters and classification of Phylum Annelida up to classes, Metamerism in Annelida
Week 5 (28 th to 31 th December)	Unit 7: Phylum Arthropoda General characters and classification up to classes; Vision in Arthropoda, Metamorphosis in Insects
Week 1 (1 st n 2 nd January)	Unit 8: Phylum Mollusca General characters and classification up to classes; Torsion in gastropods, group discussion
	UNIT - TEST
January 2021	
	Topic Covered
Week 2 (4 th to 9 th January)	Unit 9: Phylum Echinodermata General characters and classification up to classes; Water-vascular system in Asteroidea, group discussion
Week 3 (11 th to 16 th January)	Unit 10: Protochordates General features and Phylogeny of Protochordata
Week 4 (18 th to 23 rd January)	Unit 11: Agnatha General features of Agnatha and classification of cyclostomes up to classes. Group discussion.
Week 5 (25 th to 30 th January)	Unit 12: Pisces- General features and classification upto orders, Osmoregulation in fishes.
Week 1 (01 to 06 Feb.)	Unit 13: Amphibia General features and Classification up to orders; Parental care
Week 2 (08 to 13 Feb.)	Unit 14: Reptiles General features and Classification up to orders; Poisonous and non-poisonous snakes, Biting mechanism in snakes UNIT- TEST
	Topic Covered
Week 3 (15 to 20 Feb.)	Unit 15: Aves General features and Classification up to orders; Flight adaptations in birds
Week 3 (15 to 20 Feb.)	Unit 17: Mammals Classification up to orders; Origin of mammals
Week 4 (22 to 29 Feb.)	Group discussion and revision test of invertebrates/ power point presentation by students.
Week 4 (22 to 29 Feb.)	Group discussion and revision test of invertebrates/ power point presentation by students.


 04-01-2021
 Signature of Teacher

Lesson Plan (2020-21)

Name of Assistant/Associate Professor: Mr. NAVEEN KUMAR

B.Sc III Sem. 5th

Subject: Zoology

Lesson Plan: From November 2020 to February 2021

November 2020	
	Topic Covered
Week 1 (2 nd to 7 th November)	Host, Definitive Host, Intermediate host, Reservoir host.
Week 2 (9 th to 13 th (November)	Parasitism, Symbiosis, Commensalism
Week 3 (16 th to 21 November)	Zoonosis, Transmission, Prevention and Control of diseases: Tuberculosis and Typhoid
Week 4 (23 to 28 November))	Brief account of <i>Rickettsia prowazekii</i> , <i>Borrelis recurrentis</i>
December 2020	
	Topic Covered
Week 1 (1 st to 5 th December)	Brief account of <i>Treponema pallidum</i>
Week 2 (7 th to 12 th December)	Life history and pathogenicity of <i>Entamoeba histolytica</i> , <i>Plasmodium vivax</i>
Week 3 (14 th to 19 th December)	Life history and pathogenicity of <i>Trypanosoma gambiense</i> .
Week 4 (21 st to 26 th December)	Life history and pathogenicity of <i>Ancylostoma duodenale</i> , <i>wuchereria bancrofti</i>
Week 5 (28 th to 31 st December)	Biology, Control and Damage caused by <i>Helicoverpa armigera</i> , <i>Pyrilla perpusilla</i> , <i>Papillio demoleus</i> UNIT TEST
January 2021	
	Topic Covered
Week 1 (1 st n 2 nd January)	Biology, Control and Damage caused by <i>Collosobruchus chinensis</i> , <i>Sitophilus oryzae</i> , <i>Tribolium cutaneum</i> .
Week 2 (4 th to 9 th January)	Medical importance and control of <i>Pediculus humanus corporis</i> , <i>Anopheles</i>
Week 3 (11 th to 16 th January)	Medical importance and control of <i>Culex</i> , <i>Aedes</i> , <i>Xenopsylla cheopsis</i> .
Week 4 (18 th to 23 rd January)	Preservation and artificial insemination in cattles.
Week 5 (25 th to 30 th January)	Induction of Early puberty and Synchronization of estrus in cattle. UNIT TEST
February 2021	
	Topic Covered
Week 1 (01 to 06 Feb.)	Principles of Poultry Breeding.
Week 2 (08 to 13 Feb.)	Management of breeding stock and broilers
Week 3 (15 to 20 Feb.)	Processing and preservation of eggs, Genetic improvement in aquaculture in industry.
Week 4 (22 to 29 Feb.)	Induced Breeding and Transportation of fish seed. UNIT TEST ASSIGNMENT 1, 2

Head of Department

Signature of Teacher

NAVEEN KUMAR
04-01-2021