

LESSON PLAN

Name of the Institution	C.Kandaswami Naidu College For Men, Chennai – 600 102.	
Academic Year	2022-2023	
Name of the Faculty	Dr.S.Indumathi	
Department	Zoology	
Class	B.Sc Chemistry	
Semester	II	
Subject/Subject Code	SW3AB	
Month	Topics to be covered	Remarks
December 2022	Discussion About Syllabus - Introduction of cell biology - Ultrastructure of animal cell and functions. Structure and functions of nucleus and nucleolus.	-
January 2023	Structure and functions of ribosomes Introduction of Genetics - Mendel's laws of inheritance. Molecular structure of DNA.	Internal Test-I
February 2023	Developmental Biology: Introduction of Embryology and Gametogenesis - gametes, spermatogenesis - Fertilization - Cleavage - Gastrulation of chick	Assignment
March 2023	Environmental Biology: Hydrosphere and Lithosphere Physico- Chemical factors – Bio-geo chemical cycles - Carbon, Oxygen , Nitrogen and Phosphorus Cycle,	Internal Test-II
April 2023	Environmental Degradation - Treatment methods on sewage, effluents – Green house effect.	Model Examination

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August 2022	Introduction: Invertebrata-General characters and classification. Protozoa : Type study: Entamoeba histolytica, Plasmodium vivax and Paramecium caudatum, Porifera : Type Study: Scypha (sycon) Coelenterata : Type study: Obelia geniculata	-
September 2022	Platyhelminthes : Type study: Fasciola hepatica, Taenia solium Annelida : Type study: Hirudinaria (Leech) Arthropoda : Type study: Penaeus (Prawn) Mollusca : Type study: Unio Echinodermata : Type study: Asterias (Star fish)	Internal Test-I Assignment
October 2022	Chordata : General characters & Classification Prochordates : Type study: Amphioxus – Structure and affinities Vertebrates -Pisces : Type study: Shark	Internal Test-II
November 2022	Amphibians : Type study: Frog Reptiles : Type study: Calotes: Aves : Type study- Pigeon Mammalia : Type study- Rabbit	Model Examination