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# Sarat Centenary College

Dhaniakhali, Hooghly

Founded: 1976

Accredited by NAAC in 2025

[Cycle-III Grade B+ CGPA 2.63]

Recognised Under UGC 2F&12B

WB Govt. Aided

Affiliated to The University of Burdwan

Date: 14/05/2025

## Notice


### DEPARTMENT OF ZOOLOGY

#### Submission of Assignments for Internal Assessment (6<sup>th</sup> Semesters)

This is to notify that the Internal Examination, 2025, of 6<sup>th</sup> Semester of all Honours and General students of the Department of Zoology will be held through submission of assignments (topics already discussed). Using loose sheets (A4 or any full-scape paper), the assignment/project should carry the following details of the students for Internal Assessment. The front cover page should contain: Name of the University, Name of the College, Name of the student, University Roll number, University Registration number, Name of the Paper, Name of the topic, Valid mobile number etc. The hand written/drawn assignment should be submitted to concerned teachers of the Department of Zoology.

If due to technological limitations or for any other valid reason any student faces problem in submitting the assignment he/she must communicate the matter to the Head, Department of Zoology, Sarat Centenary College, Dhaniakhali within due time. **Last date for submission: on or before 27.05.2025.**

SEM/ Paper	Topic (any one of the following topics)	To be submitted to:
6 <sup>th</sup> Sem ZooH <b>CC-T13:</b> <b>Dev. Biology</b>	1. In vitro Fertilization (IVF). 2. Plans and patterns of cleavage. 3. Regeneration.	Dr J. Chattopadhyay 8240264883
6 <sup>th</sup> Sem ZooH <b>CC-T14:</b> <b>Evolutionary Biology</b>	1. Evolutionary forces upsetting H-W equilibrium, Natural selection (concept of fitness, types of selection, selection coefficient, mode of selection heterogenous superiority). 2. Extinctions: Background and Mass extinctions (causes & effects), detailed example of K-T Extinctions. 3. Origin and Evolution of man.	Mrs. Baishali Chatterjee Sarkar 6290737349
6 <sup>th</sup> Sem ZooH <b>DSE-T6: Animal Behaviour</b>	1. Types and characteristics of Biological rhythms; short and long term rhythms. 2. Biological oscillation: the concept of average, amplitude, phase and period. 3. Photoperiod and regulation of seasonal reproduction; role of melatonin.	Dr J. Chattopadhyay 8240264883
6 <sup>th</sup> Sem ZooH <b>DSE-T7:</b> <b>Endocrinology.</b>	1. Pineal gland: secretions & functions in biological-rhythms and reproduction. 2. Hypothalamus: structure & functions; Hypo-thalamic nuclei; Regulation of NEG, feedback. 3. Pituitary gland: Hormones, functions, H_H portal system; Disorders of Pituitary.	Mrs. Baishali Chatterjee Sarkar 6290737349
Sem Zoo Gen/ <b>DSE-1B:</b> <b>Immunology</b>	1. Structure and function of MHC, Exo- & Endogenous pathways of Antigen system. 2. Introduction to concept of Auto-immunity and Autoimmune Diseases. 3. Vaccines: General introduction & Types.	Mrs. Baishali Chatterjee Sarkar 6290737349

  
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