

Course Outcomes: B.Sc. in Zoology with Honours

Through Honours syllabus students would acquire comprehensive knowledge of the subject. While studying the different aspects of curriculum they will be acquainted with the applied arena of the subject as well as its applicability in both academia and industry.

Part III

Paper-VII:

Theory (100 marks)

This paper enclosed 4 modules like

- Module 701: Animal Physiology
- Module 702: Endocrinology and Reproductive biology
- Module 703: Immunology
- Module 704: Parasitology

After Successful completion of this paper students will be able to

- CO- 1 Aware of the skills of various biophysical phenomena of various cell activities like osmosis ,diffusion etc.
- CO-2 Gain an understanding of mysteries of Neurophysiology, Respiration ,Excretion etc.
- CO-3 Get wise of the facts of Endocrinology and Reproductive Biology.
- CO-4 Ascertain the diverse concepts of Immunology and Parasitology.

Paper VIII: Theory (100 marks)

This paper enclosed 6 modules like

- Module 801: Developmental Biology
- Module 802: Histology
- Module 803: Environmental Pollutions and Toxicology
- Module 804: Microbiology
- Module 805: Medical Zoology
- Module 806: Economic Zoology

After Successful completion of this Paper students will be able to

- CO-1- Get wind of the facts of Developmental Biology specially in case of normal developmental events in some specified animals.
- CO2- Gain knowledge of Histology, Environmental pollution and Toxicology.
- CO-3- Aware of the facts of Microbiology.
- CO-4- Familiarise themselves to multiple fields of insect causing diseases and their prophylactic measures.
- CO-5 –Comprehend the divergent fields of Sericulture, Apiculture, Lac culture etc.

Paper IX: Practical

After Successful completion of this Paper students will be able to

Group A

CO-1 Determine ABO Blood group and enumerate red blood cells and white blood cells after staining

CO-2 Learn how to estimate haemoglobin and record blood pressure.

CO-3 Acquainted with the methods of Tissue fixation and staining.

CO-4 Familiar with multiple aspects of ecological parameters of soil and water.

Group B

After Successful completion of this Paper students will be able to

CO-1 Identify different developmental stages of chick and carp.

CO-2 Perceive morphometric studies of fishes and molluscs.

CO-3 Recognise of different insect vectors and pathogens.

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