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25-ZO-41

**M.Sc. IV SEMESTER [MAIN/ATKT] EXAMINATION
MAY - JUNE 2025**

ZOOLOGY

Paper - I

[Animal Behaviour and Neurophysiology]

[Max. Marks : 75]

[Time : 3:00 Hrs.]

[Min. Marks : 26]

Note : Candidate should write his/her Roll Number at the prescribed space on the question paper.
Student should not write anything on question paper.
Attempt all five questions. Each question carries an internal choice.
Each question carries **15 marks**.

Q. 1 Write classification of behavioral patterns in detail ?

OR

Describe mechanical, electrical and chemical perception of the environment.

Q. 2 Write an essay on hormonal control of Behaviour.

OR

Write an essay on Motivation.

Q. 3 Write short notes on -

- i) Habitat selection.
- ii) Host parasite relations.

OR

Write an essay on Biological Rhythms.

Q. 4 Describe reproductive behaviour in animals.

OR

Describe parental care in detail.

Q. 5 Write an essay on Thermo regulation.

OR

Describe vocalization and communication in birds.