

Roll No.							
----------	--	--	--	--	--	--	--

24-ZO-41

**M.Sc. IV SEMESTER [MAIN/ATKT] EXAMINATION
JUNE - JULY 2024**

ZOOLOGY

Paper - I

[Behavior 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 five questions. Each question carries an internal choice.
Each question carries **15 marks**.

Q. 1 Write an essay on Complex Behavior. (15 Marks)

OR

Write a detail note on inheritance behavior and relationships. (15 Marks)

Q. 2 What is Communication? Describe chemical and visual communications in detail. (15 Marks)

OR

Write in detail about role of genetic and environmental components in the development of behavior. (15 Marks)

Q. 3 Describe anti predator defence, aggression and homing territoriality. (15 Marks)

OR

Write an essay on Conditioning. (15 Marks)

Q. 4 Write a detail note on Social Organization in Insects. (15 Marks)

OR

Explain flocking of birds in detail with examples. (15 Marks)

Q. 5 Write an essay on Bioluminescence. (15 Marks)

OR

Write a detail note on Hormone and drug induced human behavior. (15 Marks)