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24-ZO-22

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

ZOOLOGY

Paper - II

[Population Ecology and Environmental Physiology]

[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 What is Population ? Describe characteristics of population. (15 Marks)

OR

Describe extrinsic and intrinsic mechanism of population regulation.

Q. 2 Explain various physiological adaptations in marine environment. (15 Marks)

OR

Describe ecological adaptations in terrestrial habitats.

Q. 3 Write an essay on Environmental Limiting Factors. (15 Marks)

OR

Write an essay on Mutualism.

Q. 4 Describe Environmental Hazards and their impact on human health. (15 Marks)

OR

Write an essay on environmental impact assessment.

Q. 5 Describe concept of homeostasis. (15 Marks)

OR

Describe physiological response to yoga and their effects.