2303080503040003
EXAMINATION MARCH 2025
MASTER OF SCIENCE (ZOOLOGY) (THIRD SEMESTER)
ANIMAL ECOLOGY AND ENVIRONMENTAL BIOLOGY

[Time: As Per Schedule] **[Max. Marks: 70]**

Instructions:
1. Fill up strictly the following details on your answer book
   a. Name of the Examination : **MASTER OF SCIENCE (ZOOLOGY) (THIRD SEMESTER)**
   b. Name of the Subject : **ANIMAL ECOLOGY AND ENVIRONMENTAL BIOLOGY**
   c. Subject Code No : **2303080503040003**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

Student's Signature

Q.1 Answer <u>ANY TWO</u> of the following: **18**

A. Write detail notes on: Energy flow and Ecotone.

B. Explain: The ecological dominance and its affecting factors in detail.

C. Describe: Different growth curves with suitable examples.

Q.2 Answer <u>ANY TWO</u> of the following: **18**

A. Write detail notes on: The role of microbes in bioremediation.

B. Explain: Biofuel and its applications in detail.

C. Describe: Different sources of energy in detail.

Q.3 Answer <u>ANY TWO</u> of the following: **18**

A. Write detail notes on: Soil erosion.

B. Explain: Natural hazards in detail.

C. Describe: Forest fire and its consequences in detail.

Q.4 Answer <u>ANY TWO</u> of the following: **16**

A. Write detail notes on: Biological hazard.

B. Explain: The phenomenon of occupational health hazards.

C. Describe: How urbanization and globalization affects our environment?

*****END*****