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SUBJECT CODE NO: - FNP-6060
FACULTY OF SCIENCE AND TECHNOLOGY
MSC. F.Y.(SEM-I)(NEP Pattern-2023-2024) Zoology
Examination November / December 2025
Ecology (Principle and Practices)-SAC165021T

[Time: 1:30Hours]

[Max. Marks: 45]

N. B

Please check whether you have got the right question paper.

1. Question paper is divided in part A and part B
2. Part A is compulsory
3. Attempt any five questions from the part B
4. Draw well labelled diagram wherever necessary

Part -A**Q1 Multiple Choice Question**

1. Niche is defined as the
 a) Place where population reform their duties
 b) Place where organism lives and reform their duties
 c) Place where organisms breed
 d) Place where organisms meet
2. World Wetland Day is celebrated on.....
 a) 2nd February b) 12th February c) 22nd February d) None of these
3. How many Ramsar sites are there in India?
 a) 77 b) 76 c) 75 d) 74
4. GPS stands for-----
 a) Global Positioning Stream
 b) Global Positioning Scheme
 c) Global Positioning System
 d) Graphical Positioning System
5. Following are the key features of traditionally used biofilms.
 a) A community of cells in close proximity
 b) Attachment of cells to a biotic surface or abiotic surface
 c) Aggregates enclosed in a self-produced or externally provided matrix
 d) All of the above

Part-B**Q2 Long answer questions (Solve any Five)**

1. Define population. Describe the concept of population regulation with the help of 'J' and 'S' shaped growth forms.
2. Write the concept of energy resources. Add a note on recent issues in energy production and utilization
3. Describe the need and scope of bioremediation in cleaning up of environment.
4. Illustrate the Population Growth Forms
5. Explain in detail the Soil fertility.
6. Elaborate the application of GPS.