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B.Sc.(Bio-Tech.)-I Year

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B.Sc. (Bio-Technology)

Examination, April-2025

BIODIVERSITY

(B-109)

(B.Sc. Biotech.)

Time : Three Hours] [Maximum Marks : 50

Note : Attempt any **five** questions. Each questions carry equal marks.

1. What are the major threats to biodiversity caused by overexploitation? Discuss the role of human activities in this process.
2. How does international trade threaten biodiversity? Analyze the factors that lead to the exploitation of animals and plants in global markets.
3. Discuss and illustrate biodiversity hotspot of the world.

P.T.O.

4. Write short notes on
 - (a) Free trade & the environment
 - (b) Free trade & the conservation
5. Write an essay on in situ conservation.
6. Define the term Biogeography . Discuss different biogeographic zones of India.
7. What are plant genetic resources? Explain their importance in biodiversity and food security.
8. Write short notes on-
 - (a) FAO (Food and Agriculture Organization)
 - (b) Red data book
9. Write short note on:-
 - (a) GAP analysis
 - (b) CGIAR
10. Define the term fauna & flora. Discuss various methods used for measuring biodiversity.

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