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**School of Biological and Life sciences**  
**Bachelor of Science in General Zoology Botany Chemistry**  
**Mid Term Examination - Nov 2023**

**Duration : 90 Minutes**  
**Max Marks : 50**

**Sem I - P1UJ101T - Biodiversity and Conservation**

General Instructions

*Answer to the specific question asked*

*Draw neat, labelled diagrams wherever necessary*

*Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Discuss the challenges and strategies for conserving biodiversity in hotspots. K2 (2)
- 2) What are the primary drivers of habitat destruction? K1 (3)
- 3) Define the concept of a flagship species and its role in conservation. K2 (4)
- 4) Define overexploitation and provide examples of resources that are commonly overexploited. K2 (6)
- 5) How does the classification of a species as "Critically Endangered" differ from being "Vulnerable"? K3 (6)
- 6) What are invasive species, and why are they a concern for ecosystems? K3 (9)
- 7) What is the concept of a restricted-range species, and how is it different from a widespread species? K4 (8)
- 8) How does water pollution affect aquatic ecosystems and human drinking water sources? K4 (12)

**OR**

Analyze the impact of air pollution on both human health and the environment. K4 (12)