

The Open University of Sri Lanka  
Faculty of Natural Sciences  
B.Sc/ B. Ed Degree Programme



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Department	: Zoology
Level	: 5
Name of the Examination	: Final Examination
Course Code and Title	: <b>ZYU5302</b> <b>Conservation and Management of Biodiversity</b>
Academic Year	: 2021/2022
Date	: 19.10.2022
Time	: 1.30 p.m.- 3.30 p.m.
Duration	: 2 hours

**General Instructions**

1. Read all instructions carefully before answering the questions.
2. This question paper consists of **06 (six)** questions in **one** page.
3. Answer any **04 (four)** questions only. All questions carry equal marks.
4. Answer for each question should commence from a new page.
5. Draw fully labelled diagrams where necessary
6. Having any unauthorized documents/ mobile phones in your possession is a punishable offense
7. Use blue or black ink to answer the questions. ,
8. Circle the number of the questions you answered in the front cover of your answer script.
9. Clearly state your index number in your answer script

1. Explain the ways to measure the diversity.
2. How does habitat fragmentation contribute to species extinction? Discuss.
3. Explain with examples the major Causes and effects of biodiversity loss.
4. Discuss with example use and nonuse value of Biodiversity.
5. What are different approaches and options available for conserving biodiversity?
6. Write Short Notes on any **three (03)**
  - a) Human wildlife Conflict
  - b) IUCN threat Categories
  - c) International conventions
  - d) Environmental laws of Sri Lanka
  - e) Different Categories of Protected areas in Sri Lanka

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