

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



00207

Department	: Zoology
Level	: 5
Name of the Examination	: Final Examination
Course Code and Title	: ZLU3182/ZLE5182/ZYU5302 Conservation and Management of Biodiversity
Academic Year	: 2019/2020
Date	: 13.01.2020
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. Discuss the causes and major effects of biodiversity losses with examples from Sri Lanka.
2. “Small populations are subject to rapid decline in numbers and local extinctions”
Discuss this statement with suitable examples.
3. Discuss the options and strategies available in relation to the conservation of Biodiversity in Sri Lanka with examples.
4. Give an account of the uses and services of biodiversity.
5. Discuss the different types of Conservation measures and issues you observed during your field visit to Tanamalwila-Bundala area.
6. Write short notes on any **three (03)** of the followings;
 - a. Legislations available for the conservation of Biodiversity in Sri Lanka
 - b. Different categories of Protected areas under different legislations of Sri Lanka
 - c. IUCN threats categories
 - d. Importance of Island geography theory on Reserve designing
 - e. Human Animal conflict