



Department	: Zoology
Level	: 5
Name of the Examination	: Final Examination
Course Code and Title	: ZYU5302 Conservation and Management of Biodiversity
Academic Year	: 2025/2026
Date	: 05.01.2026
Time	: 9.30 a.m.- 11.30 a.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
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1. Write an account on the uses and services of biodiversity. (100 marks)
2. Discuss with examples from Sri Lanka the causes and major effects of biodiversity losses. (100 marks)
3. ***"Small populations are subject to rapid decline in numbers and local extinctions"***. Discuss this statement giving examples. (100 Marks)
4. Discuss with examples the options and strategies available in relation to the conservation of Biodiversity in Sri Lanka. (100 Marks)
5. ***"Vulnerable species extinct based on species characters"***. Discuss this statement giving examples. (100 marks)
6. Write Short Notes on any **three (03)**
 - a) IUCN threat categories
 - b) Wildlife Conservation and Management
 - c) Meta population
 - d) Significance of Genetic Diversity
 - e) Different Categories of Protected areas in Sri Lanka
