



Department : Zoology
Level : 3
Name of the Examination : Final Examination
Course Code and Title : **ZYD3383**
Natural Resources, Biodiversity and Wildlife
Conservation in Sri Lanka
Academic Year : 2022/2023
Date : 11.02.2024
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.
 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. a). What is meant by the term “Natural resources”?
b). Briefly explain the causes and mechanisms for the loss of Natural resources.
2. Write an account on values of Biodiversity and its services.
3. Discuss the role of *in-situ* and *ex-situ* conservation strategies /techniques in species conservation.
4. a). What is meant by “threatened species” as specified by IUCN conservation status?
b). What are the main categories of threatened species in the IUCN Red listing and explain how they are categorized?
5. Name **five (05)** International Agreements associated with the conservation of Biodiversity and comment on their main functions.
6. Write short notes on any **two (2)** of the followings
 - a). *Ex- situ* conservation
 - b). IUCN categories of Protected areas
 - c). Human-Elephant conflict
 - d). Distribution of Ecosystem Biodiversity in Sri Lanka
