



THE OPEN UNIVERSITY OF SRI LANKA
 B.Sc. DEGREE PROGRAMME – LEVEL 5
 FINAL EXAMINATION – 2014/2015
 COURSE TITLE – CONSERVATION AND MANAGEMENT OF BIODIVERSITY
 COURSE CODE – ZLU 3182/ZLE 5182
 DURATION – TWO HOURS

DATE – 14. 05.2015

TIME - 1. 30 pm – 3. 30 pm

ANSWER ANY FOUR (4) QUESTIONS. WHEREVER NECESSARY ILLUSTRATE ANSWERS WITH CLEARLY LABELED DIAGRAMS.

- 1) Biological diversity has important economic, technological and social implications for the nation. Discuss in brief, FIVE (5) implications in valuing the biodiversity resources of a nation.
- 2) Due to rapid development among countries in Southeast Asia, biodiversity is facing many serious threats. . List and explain briefly FIVE (5) major threats which lead to the loss and decline of biodiversity.
- 3) One of the important steps towards maintaining biodiversity resources by Nations as a global partner is to sign international conventions.
- 4)
 - a) State briefly about the Convention on Biological Diversity ratified in 1994.
 - b) State briefly the goal of the Convention on Biological Diversity.
 - c) State THREE (3) challenges faced in implementing the Convention on Biological Diversity.
- 5) Conservation is an effort promoted to sustain biodiversity. Explain briefly what is meant by ex-situ and in-situ conservation. Provide TWO (2) examples for each conservation method and TWO (2) species involved.
5. Write an account on planning and management of a Protected Area based on the Udawalawa National Park. .
6. Write short notes on any TWO (2) of the following
 - i. IUCN categories of threatened species
 - ii. Extinction possibility of small populations
 - iii. Ecosystem Diversity

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