



THE OPEN UNIVERSITY OF SRI LANKA
B.Sc. DEGREE PROGRAMME – LEVEL 5
FINAL EXAMINATION – 2011/2012
COURSE TITLE – CONSERVATION AND MANAGEMENT OF BIODIVERSITY
COURSE CODE – ZLU 3182
DURATION – TWO AND A HALF HOURS

DATE: 05. 01.2012

TIME: 1. 00 pm – 03. 30 pm

Answer any **four (4)** questions.

Wherever necessary illustrate answers with clearly labelled diagrams.

1. (i) Define the term Biodiversity?
(ii) What is the connection between biodiversity, conservation and sustainable development?
2. (i). What is habitat fragmentation?
(ii). What are its consequences and how could they be minimized?
3. (i) Name five (5) International Treaties associated with the conservation of biodiversity.
(ii). Briefly describe each one of them.
4. (i) Describe in situ conservation and ex situ conservation.
(ii) Discuss the merits and demerits (shortcomings) of “ex situ” conservation
5. (i) What is “bio prospecting”?
(ii) Briefly discuss “bio piracy” and the need protect “traditional knowledge”
- 6 Write short notes on any two of the following topics.
 - (i) Biodiversity hot spots
 - (ii) Leading threats to biodiversity.
 - (iii) IUCN red list categories of threatened species .

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