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RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES

B.Sc. (General) Degree in Applied Sciences
Third Year – Semester II Examination – October/November 2017

BIO 3202 - BIODIVERSITY AND CONSERVATION II

Time: Two(02) hours

Answer any four (04) of the following questions.

1. Comments on the contribution of environmental education for the conservation of biodiversity. (25 marks)
2. a) Define the terms *Ex-situ* and *In-situ* conservation. (05 marks)
b) Citing examples list ten (10) outline the existing *Ex-situ* and *In-situ* conservation centers in Sri Lanka. (10 marks)
c) Using suitable examples explain the importance of zoological gardens as *Ex-situ* centers. (10 marks)
2. The increases in populations of *Macaca sinica* (Toque Monkey), *Semnopithecus priam thersites* (Grey Langure) and *Ratufa macroura* (Sri Lanka Giant Squirrel) are have negative consequences for humans in the region. Discuss the problems created by these animals and potential solutions to minimize those problems. (25 marks)
4. a) State five (05) lowland wet zone forests in Sri Lanka. (05 marks)
b) Suggest reasons for conserving the Sinharaja forest reserve of Sri Lanka. (20 marks)
5. Write short notes on the followings;
a) role of NGOs in biodiversity conservation
b) importance of the RAMSAR convention for biodiversity conservation
c) conservation of endangered species
d) invasive species and their control measures in Sri Lanka. (25 marks)

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