



RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES

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

BIO 3208 - BIODIVERSITY MANAGEMENT AND POLICIES

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. Citing suitable examples discuss the advantages and disadvantages of *In-situ* and *Ex-situ* conservation options for country like Sri Lanka. (25 marks)
3. a). Define the terms “rehabilitation” and “reintroduction”. (05 marks)
b) Outline the main factors that should be considered when reintroducing animals. (08 marks)
c) Using successful examples describe key steps in the reintroduction process (12 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) selection criteria for establish a protected area
b) importance of fauna & flora protection act for biodiversity conservation
c) importance of having conventions in a country
d) role of government and NGOs in biodiversity conservation. (25 marks)

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