



**RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES, MIHINTALE**

**B.Sc. (Special) Degree in Applied Biology
Third Year – Semester II Examination – April/May 2016**

BIO 3208 - BIODIVERSITY MANAGEMENT AND POLICIES

Time: Two (02) hours

Answer any four (04) of the following questions.

1. Population increase of some wild animals is one of the major problems in Mihintale sanctuary and its periphery.
 - a) List the problem wild animals in this area and state the problems created by them.
 - b) Discuss the possible control measures to manage these problems.

2.
 - a). What is meant by the term “rehabilitation”?
 - b). Outline the main factors that will be considered when rehabilitating animals.
 - c). Using successful examples of rehabilitation animals, explain the factors that you consider important in rehabilitation programs in the world.

3. “Protected areas can play an important role in creating awareness among the people on the importance of conservation of biodiversity in Sri Lanka.”
Comment on this statement.

4.
 - a) Define the term “ Restoration ecology”.
 - b) State the different methods of restoration of an ecosystem.
 - c) Explain the importance of using restoration ecology for biodiversity conservation.

5. Write short notes on the followings
 - a) Legislations for the biodiversity conservation.
 - b) Importance of having conventions in a country
 - c) Community involvement for biodiversity conservation in a country