



RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES

B.Sc. (Special) Degree in Applied Biology
Third year – Semester I Examination – October/November 2015

BIO 3207 – CONSERVATION OF BIOLOGICAL RESOURCES

Time : Two (02) hours

Answer four (04) Questions and no more.

1. a) Define the term “Biogeography ”
b) List the factors effects on division of different biogeography regions in the world.
c) Using suitable evidence explain how does flora and fauna distribute in different zones
2. a) Define the term biodiversity hotspot.
b) Name five main biodiversity hotspots in the world.
c) Discuss the threats that involve for the lessening of biodiversity in hotspots?
3. Discuss causes and consequences of species extinctions using suitable examples from the world.
4. “Forest fragmentation directly effect to the distribution of fauna and flora species.” Discuss this statement citing examples from Knuckles forest.
5. Write short notes on any two (2) of the following.
 - a) Edge influence on forest composition and structure in fragmented landscapes
 - b) IUCN categories of threats
 - c) Functional groups of mobile links

Library
Faculty of Applied Sciences
Rajarata University of Sri Lanka
Mihintale.