

UNIVERSITY OF RUHUNA

BACHELOR OF SCIENCE GENERAL DEGREE LEVEL II (SEMESTER I)

EXAMINATION - JULY 2016

Subject: Zoology

Time: 01 hour

Course Unit: ZOO 2152 - *Evolution and Zoogeography*

Answer **any two (02)** questions only.

Illegible handwriting would be penalized.

1. Discuss the factors that affect on the distribution of wild life fauna in Sri Lanka.

2. Briefly explain on both parts.
 - (i). Natural selection processes.
 - (ii). Types of endemism.

3. Write short notes on **any three** of the following:
 - (i). Principles of island colonization.
 - (ii). Glacial and inter glacial periods.
 - (iii). Concepts of origin and geographic distribution of human.
 - (iv). Phylogenetic trees.

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