

UNIVERSITY OF RUHUNA
BACHELOR OF SCIENCE GENERAL DEGREE LEVEL II (SEMESTER I)
EXAMINATION – AUGUST/SEPTEMBER 2017

Subject : Zoology

Time: 01½ hours

Course Unit : ZOO 2102 – Mammalian Organization and Diversity


Answer **any three** questions only.
Illegible handwriting would be penalized.

1. Briefly describe,
 - (i). Ten characteristic features which enhance the efficiency of mammals.
 - (ii). Structural specialization in female mammals which enhance the survival of their progeny.

2. “Mammals are adapted to utilize diverse food sources”. Discuss.

3. Briefly describe adaptations for locomotion present in **any two** of the following orders of mammals.
 - (i). Chiroptera.
 - (ii). Proboscidea.
 - (iii). Cetacea.

4.
 - (i). Write an account on dispersal routes of mammals.
 - (ii). Describe the Sea floor spreading theory.

 Marks for continuous assessments

(20 marks)