

THE OPEN UNIVERSITY OF SRI LANKA
B.Sc. DEGREE PROGRAMME
FINAL EXAMINATION 2016/2017
COURSE TITLE: MAMMALIAN BIOLOGY
COURSE CODE: ZLU3187



DATE: 5th January 2018

TIME: 9.30 a.m – 11.30 a.m.

ANSWER ANY FOUR (4) QUESTIONS.

ILLUSTRATE ANSWERS WITH LABELLED DIAGRAMS WHERE NECESSARY

- 1). Describe the major anatomical differences between a typical reptile and a typical mammal.
- 2). Discuss how mammals living in polar regions maintain their body temperature.
- 3). Explain the adaptations that allow cetaceans to be remained submerge in deep sea up to 1-2 hours.
- 4) Describe the processing of food in the gut of mammalian herbivores.
- 5). Write an account on domestication of mammals.
- 6). Write notes on two (02) of the following.
 - a. Ordinal characters of primates.
 - b. Embryonic diapause in kangaroo.
 - c. Mammalian hair.
