



# **MAASAI MARA UNIVERSITY**

**UNIVERSITY EXAMINATIONS  
2018/2019 ACADEMIC YEAR  
THIRD YEAR SEMESTER ONE UNIVERSITY  
EXAMINATIONS  
FOR THE DEGREE OF**

**BACHELOR OF SCIENCE  
AND  
BACHELOR OF EDUCATION (SCIENCE)**

**COURSE CODE: ZOO 3112  
COURSE TITLE: MAMMALOGY**

**DATE: 26/04/2019**

**TIME: 11.00-1300HRS**

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**INSTRUCTIONS TO CANDIDATE**

**ANSWER ALL QUESTIONS IN SECTION A AND ANY TWO IN SECTION B.  
ILLUSTRATE YOUR ANSWERS WITH SUITABLE DIAGRAMS AND GIVE  
EXAMPLES WHEREVER NECESSARY.**

**Section A (30 marks). Answer ALL questions.**

1. Name six types of foraging in mammals. **(3mks)**
2. Describe how armadillos protect themselves against enemies. **(3mks)**
3. Classify humans into: Subclass; Infra class; Order; Family; Genus; Species. **(3mks)**
4. List six uses of the proboscidean trunks. **(3mks)**
5. Differentiate between simplex and duplex uterus in mammals. **(3mks)**
6. Write brief notes on egestion by lagomorpha. **(3mks)**
7. State six economic importance of order primates. **(3mks)**
8. With examples distinguish between Prototheria and Eutheria . **(3mks)**
9. Define the following terms in relation to mammals: **(3mks)**
  - a) Polyandry
  - b) Heterodonty
  - c) Joey
10. Name six benefits of social aggregation in mammals. **(3mks)**

**SECTION B 40 marks. Answer TWO questions.**

11. Discuss communication in mammals. **(20mark)**
12. Giving examples, discuss locomotion in mammals. **(20mark)**
13. Describe the structure and function of the skin in mammals. **(20marks)**
14. Discuss human animal conflict and its solutions. **(20marks)**

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