



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2018/2019 ACADEMIC YEAR
FOURTH YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT
BACHELOR OF SCIENCE IN WILDLIFE
MANAGEMENT**

COURSE CODE: WLM 456

COURSE TITLE: WILDLIFE NUTRITION

DATE: 23RD APRIL 2019

TIME: 2:30 - 4:30 PM

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in section **A** and any other **THREE** in section **B**.

This paper consists of 2 printed pages. Please turn over

Section A: Answer all questions (25 marks)

1. a) Differentiate between malnutrition and starvation **(2 marks)**
b) Explain briefly the consequences of malnutrition to a wildlife species **(4 marks)**
2. a) Explain what is meant by food hounding in wildlife **(2 marks)**
b) Briefly discuss the importance of food hounding to wild animals **(3 marks)**
3. Explain the importance of understanding wildlife nutrition **(5 marks)**
4. Compare advantages and disadvantages of foregut and hindgut fermenters **(5 marks)**
5. a) Explain the term nutrient partition **(1 marks)**
b) Briefly explain how herbivores avoid poisonous secondary plant products **(3 marks)**

Section B: Answer any three (3) questions only (45 marks)

6. Discuss exhaustively **three (3)** important wildlife nutrients **(15 marks)**
7. Giving examples where possible, discuss **three (3)** methods applied to analyse wildlife feeding habits **(15 Marks)**
8. Using examples where possible, discuss factors that influences foraging behavior in wildlife **(15 Marks)**
9. Discuss in details the pro and cons of wildlife supplemental feeding **(15 Marks)**

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