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.**

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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