



COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES

NAAS203: PRINCIPLES OF WILDLIFE MANAGEMENT

END OF FIRST SEMESTER EXAMINATIONS _AUGUST/ DECEMBER 2023

LECTURER: MS. B. BOLO

DATE: 22 November 2023

TIME: 1400 – 1700hrs

DURATION: 3 HRS

INSTRUCTIONS

Answer (fully) any ONE question of your choice.

Begin your answer for each question on a new page.

Each full question carries 100 marks.

Credit is given for neat, well-written and lucid work.

QUESTION ONE [100 MARKS]

- (a) Explain in detail two (2) Classifications of wildlife management. **(10 Marks)**
- (b) Explain in detail two (2) possible effects of controlled grazing on rangeland? **(10 marks)**
- (c) Discuss four (4) advanced technologies used for wildlife management. **(20 marks)**
- (d) African region has farm wildlife and forest wildlife, discuss in details their habitats. **(20 marks)**
- (e) Wildlife species sometimes it increases and declines due to different reasons, explain in details with examples why the society is concerned about reduction of wildlife species. **(20 marks)**
- (f) Discuss in detail the relationships between wildlife and humans based on biological, ecological and economic values. **(20 marks)**

QUESTION TWO [100 MARKS]

- (a) Explain in detail two (2) possible effects of controlled grazing on rangeland? **(10 marks)**
- (b) List two (2) main types of forests and explain their characteristics in detail. **(10 marks)**
- (c) Discuss with examples the economic gain or benefits of wildlife for sustainable development in Africa. **(20 marks)**
- (d) Discuss four (4) advanced technologies used for wildlife management. **(20 marks)**
- (e) Wildlife animals are categorized into different species; discuss in detail the three main causes of wildlife species declination. **(20 marks)**
- (f) Wildlife animals are found in different regions depending on the species. Discuss in details four (4) essential elements for wildlife habitats. **(20 marks)**

QUESTION THREE [100 MARKS]

- a) List two (2) main types of forests and explain their characteristics in details. **(10 marks)**
- b) Discuss in detail the ecological value of wildlife with examples. **(10 marks)**
- c) Discuss four (4) advanced technologies used for wildlife management. **(20 marks)**
- d) Range land management is important for sustainable wildlife production. Discuss in detail the rangeland management of two main wildlife species with examples. **(20 marks)**
- e) Wildlife animals' populations sometimes it declines due to different reasons, explain in details how this can be minimized and controlled. **(20 marks)**
- f) Discuss in detail the future of wildlife management in Africa based on costs and benefit to the society. **(20 marks)**