



"Investing in Africa's Future"

COLLEGE OF HEALTH AGRICULTURE AND NATURAL SCIENCES

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

ANR 302 CONSERVATION BIOLOGY

END OF FIRST SEMESTER EXAMINATIONS

NOVEMBER 2017

LECTURER: MS M. C. KUREHWATIRA

DURATION: 3 HRS

INSTRUCTIONS

Answer any four questions.

Question 1

- a) Define
 - i. Biodiversity [2 marks]
 - ii. Extinction. [2 marks]
- b) What were the causes of the mass extinctions recorded in history? [9 marks]
- a) Describe, giving examples, any four categories of protected areas according to the IUCN. [12 marks]

Question 2

- a) Discuss, giving examples, the ways in which human activities are threatening species and ecosystems. [25 marks]

Question 3

- a) Describe the three categories into which biodiversity can be divided into and conservation biologists work to conserve. [9 marks]
- b) Why is it important to protect biodiversity in Africa? [16 marks]

Question 4

Write short notes on;

- a) The Convention on Biodiversity and [12 marks]
- b) Ex situ conservation [13 marks]

Question 5

- a) Describe the spatial and temporal distribution of biodiversity. [20 marks]
- b) What are the impact of human and wildlife conflicts and how can these impacts be mitigated? [13 marks]