



"Investing in Africa's Future"

COLLEGE OF HEALTH AGRICULTURE AND NATURAL SCIENCES

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

ANR 203 PLANTS AND ANIMALS OF AFRICA

END OF FIRST SEMESTER EXAMINATIONS

NOVEMBER 2017

LECTURER: MS M. C. KUREHWATIRA

DURATION: 3 HRS

INSTRUCTIONS

Answer Question 1 and Question 2 and any other THREE questions

Question 1

a) Define the following:

i. Biodiversity, [2 marks]

ii. Biological Organisation and [2 marks]

iii. Taxonomy. [2 marks]

b) Discuss the importance of biological classification. [14 marks]

Question 2

Discuss the importance of studying the plants and animals found in Africa.

[20 marks]

Question 3

a) What are the characteristics of

i. Plants

ii. Animals. [14 marks]

b) Describe briefly the Convention on Biodiversity. [6 marks]

Question 4

a) Give a brief description of the big five. [5 marks]

b) Compare and contrast biodiversity conservation in a private game park and a state owned game park. [15 marks]

Question 5

a) Discuss the reasons why plants and animals are unevenly distributed in Africa.

[14 marks]

b) Describe wildlife ranching and give the benefits that are associated with it.

[6 marks]

Question 6

Describe the main vegetation types found in Africa.

[20 marks]