



**KENYATTA UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2019/2020**  
**DIGITAL SCHOOL OF VIRTUAL AND OPEN LEARNING**  
**SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF**  
**SCIENCE AND BACHELOR EDUCATION**  
**SZL 412: APPLIED ECOLOGY**

**DATE: Wednesday 21<sup>st</sup> October 2010**

**TIME: 2.00p.m - 4.00p.m**

**INSTRUCTIONS:**

**Answer ALL questions in section A and any ONE questions from Section B. Within a section, questions carry equal marks. Illustrate your answer with diagrams and give examples where appropriate.**

**SECTION A: Answer ALL Questions ( 40 marks)**

1. State five examples of Ramsar sites in Kenya.
2. Describe the crocodile farming of Africa.
3. Explain the use of Simpson's index in measurement of diversity.
4. Outline the key outcomes of the Paris summit on climate change.
5. State five advantages of wildlife domestication in Kenya.
6. Outline five main sources of pollutants to the marine ecosystem..
7. Differentiate between game cropping and culling.
8. Describe the main features of a national reserve.

**SECTION B: Answer any ONE question (30 marks)**

9. Discuss the causes of global warming.
10. Write an essay on the natural distances in an ecosystem.