



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF SCIENCE

SZL 415: ECOLOGY FOR SUSTAINABLE DEVELOPMENT

DATE: Tuesday, 3rd April, 2012

TIME: 2.00 p.m. – 4.00 p.m.

SECTION A:

Answer **ALL** questions (40 marks). Where appropriate, use diagrams and examples to illustrate your answers.

1. Explain the roles of an environmental impact assessment.
2. Explain how animal husbandry can be practiced in a sustainable way.
3. Explain the impacts of tourism on Kenyan natural systems.
4. Outline reasons why sustainable development needs to be given more attention than it correctly gets.
5. Discuss briefly the advantages associated with traditional eco-agricultural systems of South America.
6. Outline the key features of the convention on biological diversity of 1982.
7. Describe the effects of a growing human population on the atmosphere's integrity.
8. Explain the role of communities in conservation of natural resources.

SECTION B:

Answer any **ONE** question (30 marks)

9. Give a detailed account of the ecological impacts of development projects associated with urbanization.
10. Write an essay on how conventional agriculture can be made to be ecologically sound.