



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2009/2010

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE AND BACHELOR OF EDUCATION

SZL 415: ECOLOGY FOR SUSTAINABLE DEVELOPMENT

DATE: Monday 12th April, 2010

TIME: 11.00 a.m. – 1.00 p.m.

INSTRUCTIONS

Answer ALL questions in Section A and any ONE in Section B. Illustrate your answers and give examples where appropriate. Questions in each Section carry equal marks.

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

1. “Reports indicate that there are huge deposits of oil along the Kenyan Coast”.
Explain the impacts of exploiting such natural resources.
2. Explain the demerits of modern agriculture.
3. Describe the process of scoping in any project development.
4. Describe how developing nations can achieve sustainable development in the face of growing population.
5. Explain the common methods used in valuing nature.
6. Explain the importance of involving local communities at the inception of a new project.
7. “Although the Ramsar Convention was ratified in 1975, it has remained a mirage in many developing countries”. Explain this statement.
8. Outline the merits and demerits of “Polluter Pay Principle”.

SECTION B: *Answer ONE question.*

9. Discuss the pressures facing the major world ecosystems.
10. ‘Global climate change may drive human species to extinction’. Discuss this statement.

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