



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2007/2008

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

SZL 311: URBAN ECOLOGY

DATE: Wednesday 25th June, 2008

TIME: 11.00 a.m. – 1.00 p.m.

INSTRUCTIONS:

Answer ALL questions from Section A and ONE question from Section B. Within each section questions carry equal marks. Illustrate your answer with diagrams wherever appropriate.

SECTION A (Each question is 5 marks)

Answer ALL questions.

1. Outline the detrimental effects of CFCs to the environment.
2. Briefly explain the conditions that favour the formation of photochemical smog.
3. Giving specific examples, explain briefly the characteristics of birds and mammals found in urban ecosystems.
4. Explain why there is very little information on urban soils.
5. Explain briefly man's interference on the carbon cycle.
6. Outline ways of reducing noise pollution in cities.
7. Describe briefly five main categories of water pollutant.
8. Explain the benefit of parks, gardens and other green areas in a city.

SECTION B: (Each question is 30 marks)

Answer ONE question.

9. Discuss the bacterial decomposition of organic waste in a landfill.
10. Write an essay entitled "Sustainable Cities".