



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2007/2008

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

SZL 402: MARINE ECOLOGY

DATE: Monday 16th June, 2008

TIME: 2.00 – 4.00 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. Explain the challenges facing the conservation of sea turtles in Kenya.
2. Outline the factors which have led to the degradation of the mangrove habitat along the Kenyan coast.
3. Describe feeding in corals.
4. Explain the main features of the behaviour of marine mammals.
5. Describe the phenomenon “Upwelling”.
6. Explain the biological importance of ocean currents.
7. Explain the role of Coast Development Authority in the conservation of marine environment in Kenya.
8. Explain latitudinal temperature variation in the oceans.

SECTION B

Answer ONE question. (30 marks)

9. Give a detailed account of the Marine Protected Areas in Kenya.
10. “Rocky shores are one of the more environments for marine organism.”
Discuss this statement.