



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2009/2010

INSTITUTE OF OPEN LEARNING

EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

SZL 402: MARINE ECOLOGY

DATE: THURSDAY, 18TH FEBRUARY 2010

TIME: 8.00 A.M. - 10.00 A.M.

INSTRUCTIONS: Answer All questions in section A and One question in section B.

In each section questions carry equal marks. Illustrate your answers with diagrams and give examples where appropriate.

SECTION A: Answer ALL questions. (40 marks)

1. Outline the reasons for studying oceanography.
2. Distinguish between Spring and Neap tides.
3. Outline the importance of ocean currents.
4. Distinguish between poikiloosmotic and homoiosmotic animals giving examples.
5. Outline the feeding adaptations among sandy shore organisms.
6. Describe threats facing the sea turtles in the Western Indian Ocean.
7. Describe the characteristics of the Bathy pelagic zone.
8. Outline conditions which favour the growth of corals along the Kenyan coast.

SECTION B: Answer ONE question. (30 marks)

- 9) Write an essay on the sea bottom.
10. Discuss the adaptations of rocky shore organisms.
