



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

INSTITUTE OF OPEN LEARNING

EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

SZL 402: MARINE ECOLOGY

DATE: MONDAY, 31ST JANUARY 2011

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

SECTION A: Answer ALL Questions.

1. Outline the characteristics of the sea bottom.
2. Illustrate using a diagram the phenomenon of upwelling.
3. Distinguish between spring and Neap tides.
4. Explain factors affecting the size of waves in an ocean.
5. Outline the classification of benthic organisms based on their habitat.
6. Describe the economic importance of mangroves.
7. Outline reasons for studying marine environment.
8. Explain the subdivisions of the benthic zone.

SECTION B: Answer ONE question.

9. Write an essay on the adaptation of rocky shore organisms to their environment.
10. Write an essay on the major ocean circulations.
