



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

INSTITUTE OF OPEN LEARNING – (IOL)

EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

SZL 100: GENERAL ZOOLOGY

DATE: Thursday, 15th December, 2011

TIME: 11.00 a.m. – 1.00 p.m.

INSTRUCTIONS:

Answer **ALL** questions in Section A and any **ONE** question in Section B. Within a Section **ALL** questions carry equal marks.

Illustrate your answers with diagrams and give examples where appropriate.

Section A

Answer **ALL** questions (40 marks)

1. Explain features of tapeworms that reflect their parasitic way of life.
2. State the characteristics features of the class Echinoidea.
3. Outline the differences between Chondrichthyes and Osteichthyes.
4. Describe briefly polymorphism in the phylum Cnidaria.
5. Describe the protective mechanisms of the Mollusca.
6. Outline five features that have contributed to the success of mammals.

7. Explain the importance of classification of animals.
8. Describe briefly the respiratory organs of amphibians.

Section B

Answer any **ONE** question (30 marks)

9. Describe in detail reproduction in vertebrates.
10. Write an essay on adaptations of arthropods to terrestrial habitats.
11. Give an account of the classification of the phylum Annelida, outlining the characteristic features of each group.