



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

**FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE AND BACHELOR OF EDUCATION**

SZL 315: INTRODUCTION TO PARASITOLOGY

DATE: Thursday, 25th November, 2010

TIME: 11.00 a.m. – 1.00 p.m.

INSTRUCTIONS:

Answer **ALL** questions in Section A and **ONE** question in Section B. Within a Section **ALL** questions carry equal marks. Illustrate your answers with diagrams and give examples wherever appropriate.

SECTION A:

Answer **ALL** the questions.

1. Describe the morphological features used by intestinal helminthes to withstand peristaltic movements.
2. Describe the major characteristics of parasitoids.
3. Using examples explain the meaning of the following terms:-
 - a) Periodic parasites
 - b) Obligate parasites
 - c) Hyperparasites
 - d) Facultative parasites
 - e) Accidental parasites

4. Describe 5 examples of mechanical damage caused to hosts by parasites.
5. Explain how some traditional customs practiced in Kenya has contributed to spread of some parasitic diseases.
6. Using an example, explain the meaning of cleaning symbiosis.
7. Differentiate between hyperplasia and hypertrophy
8. Explain the areas health educators should focus on when addressing preventive measures against respiratory tract infections.

Section B:

Answer any **ONE** question.

9. Discuss Vector control with reference to parasitic disease.
10. Write an essay on transmission of parasitic diseases.