



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2011/2012
SECOND SEMESTER EXAMINATION FOR THE DEGREE OF SCIENCE AND
BACHELOR OF EDUCATION

SZL 406: MEDICAL HELMINTHOLOGY

DATE: Monday 26th March 2012

TIME: 2.00p.m – 4.00p.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. Illustrate the following structures and give an example of a human parasite in each case.
 - a) Distome
 - b) Schistosome
2. Using an example describe the phenomenon of polyembryony.
3. Describe the structure of a miracidium
4. Explain host specificity and reservoirs for schistosomes that are pathogenic to humans.
5. Describe briefly the major pathology caused by *Fasciola hepatica* in its definite hosts.
6. Using an example discuss briefly biological control of snail vectors.
7. State the clinical samples and describe briefly processing in a suspected case of pinworm infection.
8. Describe granulomatous lesions in parasitic infections and state two organisms that may cause them.

Section B: Answer any one question (30 marks)

9. Discuss pathology and control hookworm infections.
10. Write an essay on human cysticercosis.