



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF SCIENCE (ANIMAL HEALTH)

SZH 205: GENERAL PARASITOLOGY

DATE: Monday 2nd April 2012

TIME: 4.30p.m – 6.30p.m

INSTRUCTIONS

Answer ALL questions from Section A and any ONE Question from 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. Describe the routes through which infectious agents exit animal hosts.
2. Explain the effects of parasitism on parasites.
3. Explain the importance of studying epidemiology.
4. Differentiate between lateral transmission and vertical transmission.
5. Describe the factors that contribute to the epidemic of animal diseases.
6. Explain how travel, demographics and host susceptibility has contributed to emergence of infectious diseases.
7. Describe “Herd Immunity” and the causal web concept.
8. Knowledge of the cycles of parasites are key to understanding parasitology. Explain.

SECTION B: Answer ONE question (30 marks)

9. Discuss the interaction within the epidemiologic triangle of animal diseases.
10. Describe the control measures used against ticks, rodents and snails.
11. Write an essay on the metabolic dependence of parasite on their hosts.