



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2010/2011
INSTITUTE OF OPEN LEARNING
EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
SZL 315: INTRODUCTION TO PARASITOLOGY

DATE: Thursday 3rd February, 2011

TIME: 2.00 p.m. – 4.00 p.m.

INSTRUCTIONS

Answer ALL questions from Section A and any ONE question from Section B. In each section, ALL questions carry equal marks. Illustrate your answers with well labeled diagrams and give examples where appropriate.

SECTION A – (40 marks)

1. Using five examples, explain how diseases are transmitted through direct contact.
2. Explain the preventive and control of respiratory tract infections.
3. Define incubation period and state the factors determine the incubation period of a disease.
4. Explain the adaptations of parasites against dislodgement by peristaltic movements.
5. Describe, using examples the portals of entry of parasites in human.
6. Using examples explain how parasites cause mechanical interference in their host.
7. Explain the role of bile in successful establishment of parasites in the host.
8. Differentiate between the following terms:-
 - (a) Chronic and acute disease
 - (b) Mortality and Morbidity
 - (c) Epidemic and Endemic

SECTION B – (30 marks) – Answer any ONE question

9. Discuss the factors that favour the spread of parasitic diseases in developing countries.
10. Write an essay on benefit of parasite from their hosts.

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