



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

INSTITUTE OF OPEN LEARNING – (IOL)

EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

SZL 405: MEDICAL PROTOZOOLOGY

DATE: Tuesday, 13th December, 2011

TIME: 4.30 p.m. – 6.30 p.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. Explain how Toxoplasmosis is transmitted to humans.
2. Describe briefly how babesiosis is controlled.
3. Describe briefly the signs and symptoms of chagas disease.
4. Describe briefly the effects of *Plasmodium falciparum* in pregnant women in unstable malaria transmission areas.
5. State the distinguishing characteristics of members of the piroplasmia.
6. Describe the clinical manifestation of Giardiasis.
7. Explain the measures applied in prevention of balantidiasis.
8. Using examples describe three methods of food acquisition by protozoans.\

Section B:

9. Describe the transmission clinical manifestation and prevention of Kala-azar.
10. Write an essay on dysentery amoebic infection in humans.