



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

INSTITUTIONAL BASED PROGRAMME (IBP) AUGUST SESSION

EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

SZL 405: MEDICAL PROTOZOOLOGY

DATE: TUESDAY, 3RD JANUARY 2012

TIME: 8.00 A.M. – 10.00 A.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 example where appropriate.

SECTION A: Answer All Questions (40 marks)

1. Describe briefly the genetic factors that protect all humans against malaria.
2. Explain the pathogenesis of *Babesia bigemina* in cattle.
3. Describe briefly the effects of *Leishmania Braziliensis* parasites in their human host.
4. Using examples differentiate between hypoendemicity and holoendemicity.
5. Describe briefly methods used in the diagnosis of visceral leishmaniasis.
6. Explain preventive and control measures used against Toxoplasmosis.
7. Outline the signs and symptoms of Theileriosis.
8. Explain the effects of *Trichomonas vaginalis* in female human beings.

Section B. Answer any ONE question (30 marks)

9. Write an essay on human trypanosomiasis.
10. Discuss the transmission, clinical manifestation and prevention of *Giardia lamblia* infections in humans.
