



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2007/2008

INSTITUTE OF OPEN LEARNING/INSTITUTIONAL BASED PROGRAMS

**SPECIAL/SUPPLEMENTARY EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE AND BACHELOR OF EDUCATION**

SZL 405: MEDICAL PROTOZOOLOGY

DATE: Wednesday 8th October, 2008

TIME: 8.00 a.m. – 10.00 a.m

INSTRUCTIONS:

Answer ALL questions in Section A and any ONE question in Section B.

Within each section, all questions carry equal marks. Illustrate your answer with well labeled diagrams and give examples where appropriate.

SECTION A: Answer all questions (40 marks)

1. Explain the meaning of the following terms.
 - (a) Pinocytosis
 - (b) Phagocytosis
 - (c) Phagotrophy
2. Describe the forms of budding seen in protozoans.
3. State five factors that favour encystation of amoeba.
4. Describe measures used in preventing amoebiasis.
5. State the prominent symptoms seen in Giardiasis in humans.

6. Describe the life cycle of *Leishmania* parasites.
7. Describe the symptoms seen in humans suffering from the late stage of sleeping sickness disease.
8. Explain the meaning of the following terms
 - a) Endemic
 - b) Epidemic
 - c) Pandemic

SECTION B: Answer one question (30 marks)

9. Discuss the measures used in prevention and control of malaria
10. Write an essay on Toxoplasmosis.
