



BONDO UNIVERSITY COLLEGE

UNIVERSITY EXAMINATION 2012/2013

**1ST YEAR 2ND SEMESTER EXAMINATION FOR THE
DEGREE OF BACHELOR OF EDUCATION SCIENCE WITH IT
(REGULAR)**

COURSE CODE: SZL 206

TITLE: GENERAL PARASITOLOGY

DATE: 6/12/2012

TIME: 10.00-12.00PM

DURATION: 2HOURS

INSTRUCTIONS:

- 1. Answer ALL questions in section A (3 Marks each)**
- 2. Answer any TWO questions in section B (20 Marks each)**
- 3. Use illustrations where appropriate**

SECTION A (30 Marks):

INSTRUCTIONS: ANSWER ALL QUESTIONS IN THIS SECTION

1. Differentiate between the following terms and give examples. (3 marks)
 - (a) A commensal and a phoront.
 - (b) Facultative and obligatory parasites.
2. Compare and contrast *Giardia lamblia* cysts and trophozoites. (3 marks)
3. Describe any three clinical syndromes associated with *Acanthamoeba spp.* in the human host. (3 marks)
4. State the morphological differences between *Strongyloides stercoralis* filariform and rhabdiform larvae. (3 marks)
5. Describe transmission and diagnosis of *Trichuris trichiura*. (3 marks)
6. State any three methods by which *Trypanosomiasis* can be controlled in a community. (3 marks)
7. Giving an example, describe synchronization of host and parasite reproductive cycles.(3 marks)
8. List the ecological niches of parasites in the human body and give examples (3 marks)
9. State the differences between babesiosis and malaria.(3 marks)
10. Describe the digenetic life cycle of leishmania. (3 marks)

SECTION B (40 MARKS)

ANSWER ANY TWO QUESTIONS FROM THIS SECTION (20 MARKS EACH)

11. With emphasis on host-parasite relationship, discuss the qualities of a successful parasite.(20 marks)
12. Write an essay on *Entamoeba histolytica*.(20 marks)
13. Describe the types of host damage caused by parasitic infections.(20 marks)
14. Give an outline of *Trichomonas vaginalis* life cycle.(20 marks)