



**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA  
SCHOOL OF LIFE SCIENCES  
DEPARTMENT OF MICROBIOLOGY**

**SECOND SEMESTER EXAMINATION 2014/2015 SESSION**

**COURSE CODE: MCB 526**

**COURSE TITLE: MEDICAL PARASITOLOGY (3 UNITS)**

**CLASS: 500 LEVEL**

**TIME: 2 Hours**

**Instruction: Answer any four (4) questions**

1. Describe the general life cycle of the Trematodes and propose a comprehensive programme for the prevention of parasitic trematodes in our environment.
2. Enumerate and explain the general characteristics of the members of the class Cestoda.
3. Discuss Ascariasis under the following heading:
  - (a) Life cycle
  - (b) Epidemiology
  - (c) Preventive and control.
4. Write short notes on the following:
  - (i) Developmental stages in African human Trypanosomes
  - (ii) Cutaneous leishmaniasis
  - (iii) *Giardia lamblia*
- 5(a). List the possible clinical manifestations of malaria
- 5(b). Describe how you will identify *Plasmodium falciparum* in a diagnostic procedure
- 6(a). A female patient complains of having vaginitis with discharge, how will you perform differential diagnosis to show that it is a parasitic infection and not bacterial or mycotic infection.
- 6(b). Discuss the economic importance of diseases caused by Protozoans in humans