

**National Open University of Nigeria**

**Plot 91, Cadastral Zone, NnamdiAzikiwe Expressway, Jabi - Abuja**

**FACULTY OF SCIENCE**

**2017\_2 EXAMINATION**

**COURSE CODE: BIO 310**

**COURSE TITLE: Protozoology**

**TIME ALLOWED: 2HOURS**

**Instruction: Question 1 is compulsory and any other three questions.**

1a. Expound on the treatment and control of African Trypanosomiasis( 7marks)

1b. List four characteristic features that makes mosquito an efficient vector of Plasmodium(4marks)

1c.Give a brief description of the life cycle of *Entamoebahistolytica(6marks)*

1d . Write a short note on *Balantidium coli( 6marks)*

1e.List 3 species of Leishmania and the diseases they cause in man ( 3marks)

2a. Mentions species of Trichomonad not found in man and state the animals they infect.(2 marks)

2b.Describe Trichomoniasis under these subheadings: (13marks)

Etiology

Life cycle

Symptoms

Pathology

Diagnosis

Treatment

*3.Write short notes on the following Entamoeba species (15marks)*

1. *Entamoebagingivalis*
2. *Entamoebamoshkovskii*
3. *Entamoeba coli*.

4. Give a stepwise description of the life cycle of *toxoplasmagondii ( diagrams will not be required)( 15marks)*

5. Explain the main forms of locomotion in protozoa ( 15marks)