



**TECHNICAL UNIVERSITY OF MOMBASA**

---

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF MEDICAL SCIENCES

**UNIVERSITY EXAMINATION FOR:**

MMPV 15S

**AML 5109: Advanced Medical Protozoology**

END OF SEMESTER EXAMINATION

**SERIES:** August 2016

**TIME:** 3 HOURS

**DATE:** August 2016

**Instructions to Candidates**

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **Five Questions**. Attempt **three questions**.

**Do not write on the question paper.**

---

**Question ONE:**

Describe the classification of protozoan parasites affecting humans (20 marks)

**Question TWO:**

Discuss other Amoeba (*Entamoeba coli*) inhabiting the alimentary canal and tabulate the difference between *E. coli* and *E. histolytica* (20 marks)

**Question THREE:**

Explain in detail the life cycle of American Trypanosomiasis (Chaga's disease) and the various methods of diagnosis (20 marks)

**Question FOUR:**

Explain the epidemiological endemicity of malaria infections and the general pathogenesis of the disease (20 Marks)

**Question FIVE:**

Describe the life cycle, pathology and diagnosis of *Toxoplasma gondii* infection of humans (20 marks)