



**TECHNICAL UNIVERSITY OF MOMBASA**  
**FACULTY OF APPLIED AND HEALTH SCIENCES**

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**DEPARTMENT OF MEDICAL SCIENCES**

**UNIVERSITY EXAMINATION FOR:**

**MMPV 15S**

**AML 5109: Advanced Medical Protozoology**

**END OF SEMESTER EXAMINATION**

**SERIES: APRIL 2016**

**TIME: 3 HOURS**

**DATE: May 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 **ALL** questions.

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

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**Question ONE:**

Explain in detail the exo-erythrocytic and erythrocytic cycle of malaria infection (20 marks)

**Question TWO:**

Describe the pathogenesis of parasitic protozoa frequently found in immuno-compromized individuals (20 marks)

**Question THREE:**

Describe in detail the morphological features, locomotion and reproductive processes of protozoan parasites (20 marks)

**Question FOUR:**

Discuss in detail the epidemiology, life cycle, pathology and laboratory diagnosis of African Trypanosomiasis (20 Marks)

**Question FIVE:**

Explain the pertinent clinical syndrome of *Leishmania donovani* and the different methods of diagnosis (20 marks)