



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

---

**DEPARTMENT OF MEDICAL SCIENCES**

**UNIVERSITY EXAMINATION FOR:**

**MSC**

**AML5108: PARASITE CONTROL TECHNIQUES**

**END OF SEMESTER EXAMINATION**

**SERIES: APRIL 2016**

**TIME: 2 HOURS**

**DATE: 16 Apr 2016**

**Instructions to Candidates**

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** Question(s). Attempt any **THREE** questions.

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

---

**Question ONE a)** Describe the LAMP method for the detection of *P. falciparum*

b) What advantages does it have over the current techniques?

c) State the disadvantages over current methods of diagnosis

**Question TWO** Describe in detail malaria control method and state the challenges that causes upward trend of prevalence in endemic areas.

**Question THREE** Explain the risk factors which are implicated on the recurrence of Schistosomiasis suggest possible remedies to reduce transmission frequencies.

**Question FOUR** Experts consider that lymphatic filariasis, a neglected tropical disease (NTD), can be eradicated, Discuss.

**Question FIVE a)** Describe KATO thick smear technique for quantitation of worm burden

b) How is worm burden related to Schistosomiasis

c) How can behavior change be used to reduce transmission of bilharzia?