

**W1-2-60-1-6**

## JOMO KENYATTA UNIVERSITY

**OF**

**AGRICULTURE AND TECHNOLOGY**

# UNIVERSITY EXAMINATIONS 2015/2016

**SECOND YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF**

**BACHELOR OF SCIENCE IN MEDICAL MICROBIOLOGY**

**MMB 2271: MEDICAL TECHNIQUES**

**DATE: APRIL 2016 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY**

**OTHER TWO QUESTIONS**

**QUESTION ONE (30 MARKS)**

1. Outline THREE (3) roles of microbiological diagnostic testing. [3 marks]

1. Outline SIX (6) components of a laboratory request form. [3 marks]
2. Describe procedure of collection of anorectal swabs. [6 marks]
3. Describe ziehl neelsen staining technique. [6 marks]
4. Outline types of urine specimen. [6 marks]
5. Briefly describe collection and handling of endovaginal swabs. [6 marks]

**QUESTION TWO (20 MARKS)**

Discuss the collection transport and handling of blood specimens.

**QUESTION THREE (20 MARKS)**

Discuss collection, handling and transportation guidelines of

cerebral spiral fluid (CSF) samples.

**QUESTION FOUR (20 MARKS)**

Discuss the collection, handling and examination of ear swabs.