



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF MEDICAL SCIENCES

UNIVERSITY EXAMINATION FOR:

MASTERS

**AML 5114: BIOSAFETY, BIOETHICS, BIOPOLICY AND BIO-
ENTREPRENEURSHIP**

END OF SEMESTER EXAMINATION

SERIES: APRIL 2016

TIME: 3 HOURS

DATE: Pick 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** Question(s). Attempt **ALL** questions.

Do not write on the question paper.

Question ONE

Discuss the advantages and concerns of genetically engineered animals and plants (20 Marks)

Question TWO

a). Give an outline of agents which can be used on bioterrorism (10 Marks)

b.) Discuss the measures employed in responding to bioterrorist attack (10 Marks)

Question THREE

Discuss the biotechnology policy in Kenya under environmental and medical biotechnologies (20 Marks)

Question FOUR

Design a consent form for a research proposal to study prevalence of Zika virus among mothers and their newly borne infants in a refugee camp. (20 Marks)

Question FIVE

Discuss the challenges which must be considered by a biotech entrepreneur before starting a biotechnological company.