



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF MEDICAL SCIENCES

UNIVERSITY EXAMINATION FOR:

BACHELOR OF TECHNOLOGY IN INDUSTRIAL

MICROBIOLOGY AND BIOTECHNOLOGY

AML 5105 : IMMUNOLOGY OF MEDICAL PARASITIC DISEASES

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES:AUGUST2017

TIME:2HOURS

DATE:Pick DateSep2017

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 any **THREE** questions.

Do not write on the question paper.

**ESSAY QUESTIONS (60 MARKS)
ANSWER ANY 3 (THREE) QUESTIONS**

Q 1. Name five Immunoglobulins and for each indicate its molecular formula.
(20 marks)

Q2. Name the primary lymphoid organs and state their importance in immunity.
(20 marks)

Q3. Discuss complement fixation and its importance in diagnosis. (20 marks)

Q4 Discuss allergies as a form of defense against organisms. ---20 marks

Q5. Discuss the development of immunity against malaria indicating the causes of premonition. **(20 marks)**