



# Technical University of Mombasa

*Faculty of Applied and Health Sciences*

**DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES**

DIPLOMA IN COMMUNITY HEALTH AND HIV MANAGEMENT  
(DCH 13J)

**APH 2104 : FUNDAMENTAL IMMUNOLOGY**

**SUPPLEMENTARY/SPECIAL: EXAMINATIONS**

**SERIES: MARCH 2014**

**TIME: 2 HOURS**

**INSTRUCTIONS:**

You should have the following for this paper

- *Answer booklet*

This paper consists of **FIVE** questions.

Answer Question **ONE (compulsory)** and any other **TWO** questions

**QUESTION ONE**

- a) Briefly describe the work of Edward Jannet (5marks)
- b) Which are the types of immunoglobulins (5marks)
- c) Describe briefly the granulocyte immunity (5marks)
- d) Name the organs of immunity (5marks)
- e) Briefly describe the different types of immunity (5marks)
- f) List the common managements of immune dysfunction. (5marks)

**QUESTION TWO**

Briefly describe the lymphocytes as cells of immunity (15marks)

**QUESTION THREE**

Describe anatomic and physiologic innate immunity processes. (15marks)

**QUESTION FOUR**

Illustrate and briefly describe the basic immunoglobulin structure (15marks)

**QUESTION FIVE**

Outline the classical complement system (15marks)