



TECHNICAL UNIVERSITY OF MOMBASA

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FACULTY OF APPLIED AND HEALTH SCIENCES  
DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:  
DIPLOMA IN COMMUNITY HEALTH & HIV MANAGEMENT

APH 2107 ENTOMOLOGY, VECTORS AND PEST CONTROL

END OF SEMESTER EXAMINATION

SERIES:AUGUST2019

TIME:2HOURS

DATE:Pick DateDec2019

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 question ONE (Compulsory) and any other TWO questions

#### QUESTION ONE

- a) Briefly describe common characteristics of rodents. (5 marks)
- b) Discuss the existing public health problems associated with arthropods (5 marks)
- c) Explain the success of insects ecologically and their high numbers. (5 marks)
- d) list common identification characteristics of arthropods .( 5 marks)
- e) Describe the disadvantages of arthropods (5 marks)
- f) Briefly describe complete metamorphosis (5 marks)

#### QUESTION TWO

As a public health officer explain the control and prevention of the following:

- a) Crab or pubic lice (5 marks)
- b) Head lice (5 marks)
- c) Jigger fleas (5 marks)

#### QUESTION THREE

Explain about environmental factors that affect insect growth and development. (15 marks)

#### QUESTION FOUR

Briefly describe measures that communities may use to control rodents.(15 marks)

#### QUESTION FIVE

Discuss measures for Prevention of the following

- a. ticks (8 marks)
- b. mites (7 marks)