



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:

BACHELOR OF SCIENCE IN ENVIRONMENTAL HEALTH

APH 4201: VECTOR AND PEST MANAGEMENT

END OF SEMESTER EXAMINATION

SERIES: APRIL 2016

TIME: 2 HOURS

DATE: Pick Date Select Month 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 question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE

(i) Define the following terminologies as we in vector control.

- (a) Pests
 - (b) Vectors
 - (c) Entomology
 - (d) Insects
 - (e) Taxonomy
- (10mks)

(ii) (a) List some five insects vectors with their corresponding diseases they cause.

(5 mks)

(b). Enumerate five public health importance of insects vectors.

(c). State and explain and explain the three major classes of pests

(5 mks)

(iii). Mention the channel used by pests to cause damage to food.

(5 mks)

Question TWO

Arthropods like any other species have clarifications and categories. Discuss giving their classifications.

(20mks)

Question THREE

Mosquitoes are slender bodied two winged flies. They can be distinguished from other kinds of two winged flies with slender bodies by their long probosin. Discus the life history of a mosquito giving their habits.

(20 Marks)

Question FOUR

Flies are liable of causing great damage to our health if not checked due to the many different diseases they spread. Discus all diseases which can be spread through flies and their control measures.

(20 marks)

Question FIVE

(a) Pests are known for causing damage to food products. Discuss the impact/ effect of pests infestation in food products.

(10 marks)

(b) Pest prevention and control measures are all those activities aimed at complete elimination of infestation at any given time. Discuss this explaining all the five prevention categories

10 (Marks)

