

TECHNICAL UNIVERSITY OF MOMBASA
FACULTY OF APPLIED AND HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR THE DIPLOMA COMMUNITY
HEALTH

DCH 16S/YEAR 1/ SEMESTER1

APH 2105: FOUNDATIONS OF ENVIRONMENTAL HEALTH

END OF SEMESTER EXAMINATION

SERIES:DECEMBER2016

TIME:2HOURS

DATE:Pick DateDec2016

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) Differentiate between the following terms
 - i. Environmental health and environmental science (4 marks)
 - ii. Environmental degradation and environmental sanitation (4 marks)
 - iii. Point source pollutants and Non point source pollutants (4 marks)
- b) Outline the factors that determine the severity of a pollutant (3 marks)
- c) Outline the impacts of population pressure on health. (5 marks)
- d) Briefly describe how Pit latrines are convenient for rural communities (6 marks)
- e) Explain the storage of water as a method of cleansing (4 marks)

QUESTION TWO

- a) Briefly explain the major contributors to water pollution in Kenya today.(7 marks)
- b) Briefly describe the water cycle (5 marks)
- c) Briefly explain the effects of man's activities on the water cycle (3 marks)

QUESTION THREE

- a) Briefly explain the major contributors to water pollution in Kenya today.(10 marks)
- b) discuss any five means of controlling water pollution (5 marks)

QUESTION FOUR

- a) Discuss any five sources of air pollution (10 marks)
- a) Briefly describe measures that can be taken to control air Pollution. (5 marks)

QUESTION FIVE

- a) Outline ten environmental health concerns that a community health officer deals with on a regular basis within the community (10 marks)
- b) Describe five methods used in the control and prevention of land pollution (5 marks)