



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

CERTIFICATE IN COMMUNITY HEALTH AND HIV MANAGEMENT
(CCH13S)

ACM1110: FOUNDATIONS OF ENVIRONMENTAL HEALTH

SEMESTER: EXAMINATIONS

SERIES: DECEMBER 2013

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

This paper consists of 2 PRINTED pages

QUESTION ONE

- a) Differentiate the following terms
 - (i) Environmental sciences and Environmental Health (4 marks)
 - (ii) Linear effect of pollutant and threshold effect of pollutant (4 marks)
 - (iii) Biodegradable pollutant and non-degradable pollutant (4 marks)
- b) Outline the factors that determine the severity of a pollutant (4 marks)
- c) Give **FOUR** examples of agricultural pollutants (4 marks)
- d) Outline the human sources of pollutants (4 marks)
- e) Give any **FOUR** ways of controlling water pollution (4 marks)
- f) Outline the general human health effects of air pollution (4 marks)

QUESTION TWO

- a) Discuss any **FIVE** sources of water pollution (10 marks)
- b) Describe any **FIVE** effects of water pollutants (5 marks)

QUESTION THREE

- a) Discuss any **FIVE** sources of air pollution (10 marks)
- b) Describe measures to control air pollution (5 marks)

QUESTION FOUR

- a) Describe any **FIVE** harmful effects of land pollution (10 marks)
- b) Suggest **FIVE** methods of preventing land pollution (5 marks)

QUESTION FIVE

- a) Describe **FIVE** causes of noise pollution (10 marks)
- b) Describe **FIVE** effects of noise pollution (5 marks)