

Paper 2

TECHNICAL UNIVERSITY OF MOMBASA
FACULTY OF APPLIED AND HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN COMMUNITY HEALTH
BSCH 015S/YEAR1/ SEMESTER2
APH 4103: FOUNDATIONS OF ENVIRONMENTAL HEALTH
SEMESTER EXAMINATION
SERIES: MAY 2016
TIME: 2 HOURS

Instructions to Candidates

This paper consists of FIVE questions

Answer question ONE (COMPULSORY) and any other TWO questions.

This paper consists of two printed pages

Question One

- a). Define each of the following terminologies as applied in Environment Health:
(i) Environment
(ii) Health
(iii) Pollution (3 marks)
- b). Distinguish between water borne diseases and water washed diseases.(4 marks)
- c). Explain the effects of Aflatoxin (fungal toxin) in a human body. (4 marks)

- d). State characteristic of toxicity symptoms and conditions associated with pesticides. (4 marks)
- e). Briefly describe Biological hazards. (4 marks)
- f). Explain the Environmental Health effects of ionizing radiation. (4 marks)
- g). Briefly explain the persistent organic pollutants (POPs) in the Environment.(4 marks)

Question Two

Discuss the Environmental Health problems that could result from use of open dumping and incineration. (20 marks)

Question Three

Discuss the relevance of climate change to Environmental Health. (20 marks)

Question Four

Discuss pollution as one of the main factors that has lead to the degradation of terrestrial and marine environment. (20 marks)

Question Five

- (a) Preventive Health Care has not succeeded in Kenya, resulting in emergence and re-emergence diseases and hospital admissions of patients with preventable conditions. This is largely because the Environmental Health professionals have not done a good job. Discuss. (10 marks)
- (b) Explain the effects of ozone layer depletion on Environmental Health. (10 marks)