



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

CERTIFICATE IN COMMUNITY HEALTH AND HIV MANAGEMENT
(CCH13M)

APH 1104: INFECTION PREVENTION & FIRST AID

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 3 PRINTED pages

QUESTION ONE

- a) Define the following terms
 - (i) First Aid (1 mark)
 - (ii) Asphyxia (1 mark)
 - (iii) Antisepsis (1 mark)
 - (iv) Unconsciousness (1 mark)
 - (v) Micro-organisms (1 mark)
- b) With a diagram illustrate the disease transmission cycle. (3 marks)
- c) State THREE aims of first Aid (3 marks)
- d) Distinguish the THREE types of waste you will find in a clinic (3 marks)
- e) Briefly explain the FOUR modes of infection transmission (4 marks)
- f) Outline the FOUR causes of Asphyxia (4 marks)
- g) State FOUR importance of proper waste disposal (4 marks)
- h) Identify FOUR different classes of fractures. (4 marks)

QUESTION TWO

A company health worker has been working in a voluntary counseling centre and one of requirement is to ensure infection prevention.

- a) Describe the appropriate times for staffs in that clinic to wash their hands. (5 marks)
- b) Identify the FIVE standard precautions of infection prevention (5 marks)
- c) Explain what you should do to avoid injuries during sharps disposal (5 marks)

QUESTION THREE

Mr. Kelo who is a first Aider has been travelling to his home in Kisumu. On his way there was an accident and he was required to offer first aid to the victims according to the good Samaritan rule.

- a) State Six qualities of a first Aider. (6 marks)
- b) Explain the general rules of first AID treatment. (9 marks)

QUESTION FOUR

Five boys from Kikeru secondary School had gone for swimming in 'pirates' Indian ocean. Unfortunately one boy drowned. As a first aider.

- a) State FIVE signs and symptoms of Asphyxia. (5 marks)
- b) Distinguish the FIVE levels of consciousness (5 marks)

- c) Explain how you can offer first Aid to the boy who has drowned **(5 marks)**

QUESTION FIVE

- a) Explain how you can control bleeding in an person who has a deep cut on the hand. **(5 marks)**
- b) Distinguish the four steps involved in processing instruments and other items during clinical or surgical procedures **(4 marks)**
- c) Explain the general housekeeping guidelines in a certain clinic or VCT centre. **(6 marks)**