



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN COMMUNITY HEALTH AND HIV MANAGEMENT
(DCH 12S)

APH 2206 : NON-COMMUNICABLE DISEASES I

SPECIAL /SUPPLEMENTARY: EXAMINATIONS

SERIES: OCTOBER 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) (i) What is cancer? (1mark)
(ii) List THREE risk factors for breast cancer (3marks)
- b) Differentiate between the following pairs of non-communicable diseases
(i) Osteoarthritis and Osteoporosis (2marks)
(ii) Rheumatoid arthritis and septic arthritis (2marks)
- c) Explain why incidences of gout are increasing amongst the men in Kenya. (4marks)
- d) (i) What is substance abuse? (1mark)
(ii) Outline three effective strategies that need to be applied to manage and prevent drug abuse at the coast (3marks)
- e) List and briefly describe FOUR non-communicable diseases obese people are likely to suffer from (4marks)
- f) Distinguish between heart attack and heart failure and explain why the risk of developing cardiovascular diseases increases with age. (4marks)
- g) Define the term “re-emerging non-communicable disease” and list two types of this disease. (4marks)

Question TWO

Discuss the cause, symptoms, diagnosis, treatment, control and prevention of asthma. (15marks)

Question THREE

- a) Explain the meaning of the term “cardiovascular disease” (2marks)
- b) Discuss, in detail, five risk factors for cardiovascular diseases and outline any three intervention measures that should be taken to reduce the prevalence of these diseases in Kenya. (13marks)

Question FOUR

Describe in detail any six rheumatic diseases and suggest any THREE intervention measures against this disease.
(15marks)

Question FIVE

- a) Describe the THREE main types of diabetes mellitus and explain any four complications associated with diabetes
- b) Describe any FOUR diabetes management strategies

(11marks)

(4marks)