



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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REGINA PACIS INSTITUTE OF HEALTH SCIENCES

MAIN EXAMINATION

JANUARY – APRIL 2019 TRIMESTER

FACULTY OF SCIENCES

DEPARTMENT OF COMMUNITY HEALTH AND DEVELOPMENT

REGULAR PROGRAMME

CHD 217: NON-COMMUNICABLE DISEASES

Date: APRIL 2019

Duration: 3 Hours

INSTRUCTIONS: Answer ALL Questions

SECTION A: ANSWER ALL QUESTIONS

(30 MARKS)

Q1. Define the following terms as used in non-communicable diseases.

(2 Marks each)

- a) Life style diseases
- b) Overweight
- c) Latent period
- d) Natural history of disease.

Q2. Differentiate between the following:

(2 Marks each)

- a) Obesity and overweight
- b) Clinical stage and pre-clinical stage of disease
- c) Diabetes type I and diabetes type II
- d) Essential hypertension and secondary hypertension.

Q3. Describe three modifiable lifestyle factors and state the associated diseases.

(6

Marks)

Q4. Describe three non-modifiable lifestyle factors and state the associated diseases.

(6

Marks)

Q5. Describe any two reasons for the increasing frequency of cancers with age. (2 Marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

Q6. a) Discuss the impact of diabetes on the individual and on the community. (12 Marks)

b) Describe the various ways of controlling diabetes. (8 Marks)

Q7. a) Describe the epidemiology of cervical cancer. (8 Marks)

b) Discuss the strategies for prevention and control of cervical cancer. (12marks)

Q8. As a community health strategist, you notice a rising drug addiction in Kwetu County.

a) Describe any three factors that would lead to adolescent drug abuse. (6 Marks)

b) Discuss the non-communicable disease burden resulting from drug and substance abuse. (10 Marks)

c) List the strategies for prevention of drug and substance abuse. (4 Marks)

Q9. a) Outline the aetiology of hypertension. (4 Marks)

b) Discuss the morbidities and complications associated with hypertension. (10 Marks)

c) Describe the strategies for prevention and control of hypertension. (6 Marks)

END