



# KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

## SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (POPULATION HEALTH)

### PPH 305: NON-COMMUNICABLE DISEASES

DATE: FRIDAY, 30<sup>TH</sup> MARCH 2012

TIME: 11.00 A.M. – 1.00 P.M.

#### Instructions

1. Attempt **all** questions in Section A (20 marks)
2. Question **One** in Section B is Compulsory (20 marks)
3. Choose any other **two** questions from Section B (30 marks)

#### Section A

##### Question 1

- a. State the risk factors associated with breast cancer (4 marks)
- b. Outline six general approaches that need to be combined in the prevention of non-communicable diseases (6 marks)
- c. Define the two main types of congenital heart diseases and give one main example for each type (4 marks)
- d. Distinguish between carcinomas and sarcomas (2 marks)
- e. Outline 4 treatment options for cardio-vascular diseases (4 marks)

#### Section B

##### Question 1

- a. Draw and explain each entry of the Haddon's matrix as applied to road traffic injuries (10 marks)
- b. Discuss the Kenya country profile for non-communicable diseases giving concrete facts (10 marks)

**Question 2**

- a. Discuss the impact of non-communicable diseases on population and development (7 marks)
- b. Classify all non-communicable diseases into eight meaningful groups and give one example of disease for each group (8 marks)

**Question 3**

- a. Explain ten general measures in the management of heart failure (10 marks)
- b. Discuss five possible risk factors for prostate cancer (5marks)

**Question 4**

- a. Discuss the ascendancy of non-communicable diseases giving concrete examples (9 marks)
- b. Discuss the causes of heart failure and classify them into main groups (6 marks)

**Question 5**

- a. Discuss five of the objectives highlighted in the 2008-2013 action plan developed by WHO and Member States to translate the Global Strategy for Prevention and Control of non-communicable diseases into concrete action (10 marks)
- b. Discuss three possible causes of nutritional disorders and give two examples of nutritional disorders (5 marks)

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