



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN ENVIRONMENTAL HEALTH

HEH 205: PRINCIPLES OF COMMUNITY HEALTH

DATE: Monday, 15th May 2017

TIME: 4.30 p.m. - 6.30 p.m.

INSTRUCTIONS:

- i) The paper has two sections One and Two
- ii) Answer ALL questions in Section One
- iii) Section Two has two parts: I and II. Answer ALL questions in part I and any two questions in part II

SECTION ONE - (20 MARKS) ANSWER ALL QUESTIONS

- 1. a) Distinguish between the following concepts:
 - i) Community health and public health (2 marks)
 - ii) Primary health and primary care (2 marks)
- b) State two areas that are explicitly focused on by the core principles of community health. (2 marks)
- c) Explain the concept of “prevention paradox” and give a specific example of the same. (4 marks)
- d) outline the five principles of community oriented primary care. (5 marks)
- e) Summarize the five characteristics of a community (5 marks)

SECTION TWO

PART I: (20 MARKS) ANSWER ALL QUESTIONS

- 2. a) Describe the epidemiologic triangle as a paradigm for explaining the spread of disease (include a diagram) (10 marks)
- b) Explain five strategies that could be used to apply epidemiologic triangle to preventive interventions (10 marks)

PART III: (30 MARKS) ANSWER ANY TWO QUESTIONS

3. a) Give three scenarios where it would be preferable to use:
- i) Community risk-reduction intervention (3 marks)
 - ii) High-risk individuals intervention (3 marks)
 - b) Explain the nine questions that must be answered when measuring community health (9 marks)
4. Discuss how the health belief model could be used to explain community health. (15 marks)
5. Using relevant examples from your community, discuss the determinants of community health. (15 marks)