



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND  
TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2012/2013**

**SECOND YEAR SECOND SEMESTER EXAMINATIONS FOR THE  
DEGREE OF BACHELOR OF SCIENCE IN COMMUNITY HEALTH AND  
DEVELOPMENT & BACHELOR OF SCIENCE IN PUBLIC HEALTH  
(BUSIA LEARNING CENTRE)**

**COURSE CODE: HCD 3224**

**TITLE: COMMUNITY BASED HEALTH CARE II**

**DATE: 18/04/2013**

**TIME: 9.00 AM - 11.00AM**

**DURATION: 2 HOURS**

**INSTRUCTIONS**

1. This paper contains TWO sections.
2. Answer ALL questions in section A (Compulsory) and ANY other Two questions in section B.
3. Write all answers in the booklet provided.

**Section A: Answer ALL questions (30 marks)**

1. List three health consequences of poverty. **(3 marks)**
2. State three methods which can be used to break the vicious cycle of ill-health and poverty. **(3 marks)**
3. Outline the main steps in community program development and implementation **(3 marks)**.
4. Outline three principal developmental problems among children and adolescents. **(3 marks)**
5. State three key benefits of family centered care. **(3 marks)**
6. Define the term *nutritional surveillance* and distinguish it from *nutritional survey*.**(3 marks)**
7. Substantiate the phrase “***Breastfeeding improves maternal health***”. **(3 marks)**
8. Antenatal care is a strategy for primary prevention. Explain giving 3 examples.**(3 marks)**
9. State three multisectoral approaches to reduce tobacco use. **( 3 marks)**
10. Briefly explain the increasing significance of non-communicable diseases in the world today. **(3 marks)**

**Section B: Answer ANY TWO questions (Total 40 marks)**

1. “Poverty, health and development are closely linked”. Please elaborate on this quote citing adequate examples. **(20 marks)**
2. Discuss in detail four sexually transmitted infections of public health importance in Kenya. For each infection discuss the aetiology, clinical presentation, management and prevention & control. (20 marks)
3. Discuss human breastfeeding under the following headings (20 marks).
  - a. Composition of human breast milk especially the *nutrients and protective elements, hormones* (5 marks)
  - b. Benefits of breast feeding ( 8 marks)
  - c. Differences between human breast milk and cow’s milk( 4 marks)
  - d. International Code of Marketing of Breast Milk Substitutes (3 marks)
4. Regarding non-communicable diseases
  - a. Define the term *non-communicable disease* stating the four major non-communicable diseases of public health importance. **(6 marks)**
  - b. State the four greatest modifiable shared risk factors for the four major non-communicable diseases. **(4 marks)**
  - c. State two objectives of the Global action plan for the control of non-communicable diseases 2008-2013. **(4 marks)**
  - d. Outline six key interventions for preventing and controlling non-communicable diseases. **(6 marks)**