



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF HEALTH SCIENCES**  
**UNIVERSITY EXAMINATION FOR DEGREE OF MASTER**  
**2<sup>ND</sup> YEAR 1<sup>ST</sup> SEMESTER 2015/2016 ACADEMIC YEAR**  
**KISUMU LEARNING CENTRE**

---

**COURSE CODE:** HMP 5133  
**COURSE TITLE:** EPIDEMIOLOGY OF NCDs  
**EXAM VENUE:** KSLC:  
**DATE:** **EXAM SESSION:**  
**TIME:** 2.00 HOURS

---

**Instructions:**

- 1. Answer any four Questions (Question One is Compulsary)**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

## **SECTION A**

**Answer question one (Compulsary)**

- 1. Discuss in details how diagnostic technologies in health care systems affect the quality of cancer diagnosis and management of the disease (25 marks).**

## **SECTION B**

- 2. Discuss the impact of the devolved health systems and political governance of non communicable disease epidemiology (25 marks).**
- 3. Cancer exposure can be influenced by intrinsic and extrinsic environmental factors like Arsenic in agrochemicals and other environmental pollutants. Outline detailed plan you would initiate to reduce adverse household exposure to these disease causing elements in Kenya (25 marks).**
- 4. Discuss psychosocial drivers of chronic diseases like high blood pressure and pschiatric anxieties in colleges and give detailed control measures you would initiate as the dean of student affairs in your institution (25 marks).**
- 5. Discuss the global challenges of urban migration and the demographics of slum life and its impact on prevention of non-communicable diseases (25 marks).**
- 6. Discuss how health inequalities and poverty undermine the legal rights of people suffering from non-communicable diseases (25 marks).**