

**JARAMOGI OGINGA ODINGA UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
UNIVERSITY EXAMINATIONS 2012/2013  
FIRST YEAR FIRST SEMESTER EXAMINATIONS  
FOR THE DEGREE OF MASTER OF PUBLIC  
HEALTH**

**KISII LEARNING CENTRE**

**COURSE CODE: HMP 5111**

**TITLE: PRINCIPLES OF PUBLIC HEALTH**

**DATE:**

**TIME:**

**DURATION: 3 HOURS**

**INSTRUCTIONS**

- 1. THIS PAPER CONTAINS SIX QUESTIONS.**
- 2. ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER THREE QUESTIONS.**
- 3. WRITE ALL ANSWERS IN THE BOOKLET PROVIDED**

Q1. Road accidents and injuries have become a leading cause of morbidity and mortality especially in many developing countries yet it has received very little attention from the public and health professionals. Describe the causes, impacts and interventions to manage road carnage. **(15 marks)**

Q2. You are the public health biosafety manager of the ultra modern Kisii level Five Hospital; describe the categories of hospital wastes, significance of such wastes and the procedures for hospital waste disposal to minimize environmental pollution and associated population health risks. **(15 marks)**

Q3. With relevant examples discuss ethical conflicts in modern public healthcare practice. **(15 marks)**

Q4. (a) Commercial Fishing has lately emerged as one of the most hazardous occupations in Kenya. Discuss the common risks associated with this occupation and three potential control strategies to promote job safety.

**(10 marks)**

(b) Describe the role of Health assessment and Disease surveillance in healthcare provision. **(5 marks)**

Q5. Describe the **obstacles** faced by third world countries in the implementation of Primary Health Care (PHC) hence posing public health risks and household burden **(15 marks)**

Q6. Discuss the relevance of the Public health Act (Cap 242) in the provision of public health protection in Kenya. **(15 marks)**