



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE
AND TECHNOLOGY
UNIVERSITY EXAMINATION 2013
1ST YEAR 1ST SEMESTER EXAMINATION FOR BACHELORS
DEGREE
(REGULAR)**

COURSE CODE: HCD 3113

COURSE TITLE: FUNDAMENTALS OF COMMUNITY HEALTH

DATE: 30/4/2013 TIME: 9.00-11.00AM

DURATION: 2 HOURS

INSTRUCTIONS

- 1. This paper contains FIVE (5) questions**
- 2. Answer question 1 (Compulsory) and ANY other 2 Questions**
- 3. Write all answers in the booklet provided**

SECTION I: SHORT ANSWER QUESTIONS (30 Marks)

Instructions: Answer all questions from this section, each question carries 3 marks

1. Define the following terms:
 - a) Epidemiology (1 mark)
 - b) Incidence (1 mark)
 - c) Prevalence (1 mark)
2. Outline the different levels of health care delivery in Kenya (3 marks)
3. Explain 3 characteristics of community health interventions (3 marks)
4. Outline the immunization schedule as per Kenya Expanded Programme on Immunization (KEPI) (3 marks)
5. Explain the different disease prevention approaches (3 marks)
6. Explain 3 roles of the government as the main actor in health care provision (3 marks)
7.
 - a) List the causative micro-organism for malaria (1 mark)
 - b) List 2 preventive measures for malaria that a health worker may educate the community to practice (2 marks)
8. List 3 clinical types of diarrhoea (3 marks)
9. Baby Joy has had diarrhoea for the past 2 days. List 3 signs and symptoms of dehydration that she may present with (3 marks)
10. A baseline study conducted in Kisumu Town on 1st November 2012 indicates that 10,000 female residents have hypertension. Calculate the prevalence rate of hypertension among the female residence in Kisumu (3 marks)

SECTION II: ESSAY QUESTION (40 Marks)

Instructions: Answer ANY TWO questions from this section, each question carries 20 marks

1. Using examples of health related , discuss the linkage between poverty and illness (20 mks)
2. a) Define “community participation” (2 mks)
b) Explain the importance of community participation in community health initiatives (4 mks)
c) Using the community strategy approach outline the linkage between the community and the national level of health care provision (4 marks)
d) Discuss the roles of the Community Health Committees in the implementation of community strategy (10 marks)
3. John is the health worker in charge of Sirembe Health Center. He has been given the responsibility of spearheading implementation of Primary Health Care programmes within the community served by the health center.
a) Define Primary Health Care (2 marks)
b) Discuss the strategies for implementing Primary Health Care (18 marks)
4. Using 5 examples discuss the impact of cultural practices on public health (20 marks)