

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

UNIVERSITY EXAMINATION 2013

**3RD YEAR 1ST SEMESTER EXAMINATION FOR DEGREE OF
BACHELOR OF SCIENCE IN PUBLIC HEALTH**

(KISII LEARNING CENTRE)

COURSE CODE: HCD 3315

COURSE TITLE: MATERNAL AND CHILD HEALTH

DATE:

TIME:

INSTRUCTIONS

1. This examination paper contains COMPULSORY and ELECTIVE questions
2. Answer ALL COMPULSORY questions and ANY TWO ELECTIVE set of questions
3. Write all answers in the examination booklet provided

COMPULSORY QUESTIONS [TOTAL MARKS=40]

Answer ALL questions in this section

1. Define maternal mortality according to The Tenth Revision of the Internal Classification of Diseases (ICD 10) (**2 marks**)
2. Identify **THREE** direct and **THREE** underlying causes of maternal morbidity and mortality (**6 marks**)
3. Name **THREE** barriers identified by the “3 delay model” in achieving timely and appropriate essential obstetric care (**3 marks**)
4. Under what conditions is therapeutic abortion justified (**3 marks**)
5. Identify **THREE** reasons that account for the loss of electrolytes and fluids in a child suffering from diarrhoea (**3 marks**)
6. State **THREE** main objectives of integrated management of childhood diseases initiative (**3 marks**)
7. List **THREE** ways in which the integrated management of childhood diseases initiative is important within the current framework of free maternal health services in Kenya (**3 marks**)
8. State any **TWO** major drawbacks of the integrated management of childhood diseases initiative (**2 marks**)
9. State **THREE** ways in which Growth Charts are important to the health of infants and young children (**3 marks**)
10. Identify **TWO** commonly used methods of assessing the nutritional status of infants and young children (**2 marks**)
11. Assume that you have visited a rural remote home of a mother who delivered a month ago and you encounter the new born has a severe condition of diarrhoea causing dehydration and the mother does not know what to do to rehydrate the child at home
 - a) Identify **FIVE** components of the rehydration kit you will demonstrate to the mother (**5 marks**)
 - b) Enumerate the procedure you will follow to demonstrate to the mother how to prepare an Oral Rehydration Solution (**8 marks**)

ELECTIVE QUESTIONS [TOTAL MARKS =30]

Answer ANY TWO questions in this section

Question 12

- 12.1. State **FOUR** challenges that public health officers face during the fight against successful prevention and control of acute respiratory infections in young children (**7 marks**)
- 12.2. Describe using examples **THREE** types of vaccines for the expanded program on immunization and their cold chain management (**8 marks**)

Question 13

- 13.1. Highlight **FOUR** factors that affect the health status of mothers in Kenya (**8 marks**)
- 13.2. Explain **FOUR** challenges hindering the integration of family planning services with maternal and child health (**7 marks**)

Question 14

- 14.1. What is the importance of growth monitoring in infants and young child (**7 marks**)
- 14.2. Outline **TWO** advantages and **TWO** disadvantages of using anthropometric measurements in growth monitoring (**8 marks**)