

**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
MAIN CAMPUS  
SCHOOL OF HEALTH SCIENCES – BSc. Community Health & Development/ Public Health  
3<sup>rd</sup> YEAR 3<sup>rd</sup> SEMESTER EXAMINATION (January – April, 2014)  
COURSE CODE: HCD 3315**

**TITLE: Maternal and Child Health**

**DATE:                      TIME:**

**DURATION: 2 hours**

**INSTRUCTIONS**

**Section A: Answer ALL Questions (Total 30 marks)**

1. Define the following terms;
  - i. Maternal Health                      (2 marks)
  - ii. Define Maternal Mortality Rate. ( 2 marks)
  - iii. Infant Mortality Rate                      (2 marks)
  - iv. Child Mortality Rate                      (2 marks)
2. What's the current maternal mortality rate in Kenya                      (1 mark)
3. List the three major direct causes of maternal deaths in Sub-Saharan Africa (3 marks)
4. Define Focused Antenatal Care (3 marks)
5. List the three leading causes of death in children under five in Kenya (3 marks)
6. Identify the three targeted approaches towards addressing MDG 4 (3 marks)
7. Which are the three leading causes of child mortality in Kenya (3 marks)
8. Describe the opportunities available for reducing child mortality in Kenya (3 marks)
9. Describe the three main components of IMCI strategy ( 3 marks)

**Section B (Total Marks 40) Answer any two questions**

1. Write short notes on the following
  - (a) Emergency Obstetric Care (5 marks)
  - (b) Family Planning (5 Marks)
  - (c) Prevention of Mother to Child Transmission ( 5 Marks)
  - (d) Focused Antenatal Care (5 Marks)
2. Discuss the determinants of Maternal Health (20 Marks)
3. (a) Describe the current schedule for immunization of children under five years (12 marks)
  - (b) Salem is 15 months old. She weighs 8.5 kg. Her temperature is 38°C. She lives in a high malaria risk area. The health worker asked, 'What are the child's problems?' The mother said, 'Salem has been coughing for four days, and she is not eating well'. This is Salem's initial visit for this problem. The health worker checked Salem for general danger signs. She asked, 'Is Salem able to drink or breastfeed?' The mother said, 'No. Salem does not want to breastfeed'. The health worker gave Salem some water. She was too weak to lift her head. She was not able to drink from a cup. Next she asked the mother, 'Is she vomiting?' The mother said, 'No'. Then she asked, 'Has she had convulsions?' The mother said, 'No'. The health worker looked to see if Salem was convulsing or lethargic or unconscious. She was not convulsing but was lethargic.
    - (i) Does Salem have any danger signs? If so, what are they? (3 marks)
    - (ii) What do you need to do next and why? (5 marks)
4. As a Public Health specialist, discuss the strategies you would put in place at the community level to reduce maternal and child mortality in Kenya (20 marks)