



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER IN PUBLIC
REPRODUCTIVE HEALTH

PPR 704N: MATERNAL AND CHILD HEALTH

DATE: TUESDAY, 27TH MARCH 2012

TIME: 2.00 P.M. – 5.00 P.M.

Section 1: Answer all questions (50 marks)

Question 1

- a) Compare and contrast the measures of morbidity. (10 marks)
- b) Define the following measures of mortality. (10 marks)
 - i) Crude death
 - ii) Infant Mortality Rate
 - iii) Neonatal Mortality Rate
 - iv) Perinatal Mortality Rate
 - v) Maternal Mortality Rate
 - vi) Proportionate Mortality Rate
- c) Discuss the determinants of maternal and child health. (10 marks)
- d) Discuss the two way relationship between fertility and child survival. How will the vertical transmission of HIV affect this relationship? (10 marks)
- e) Infectious diseases are a major cause of childhood illnesses. Describe the various ways the diseases can be prevented. (10 marks)

Section II: Answer any Three Questions

Question 2

The environment is one of the key considerations in epidemiological triad. Discuss the environmental hazards. (30 marks)

Question 3

Discuss the Kenya Expanded Program on Immunization (KEPI). (30 marks)

Question 4

Disease surveillance is essential in control and prevention of childhood illnesses. Kenya utilizes IDSR method to carry out surveillance. Describe how surveillance is carried out for the following diseases. (30 marks)

- i) Polio
- ii) Childhood diarrhea
- iii) Neonatal tetanus

Question 5

Discuss Maternal Mortality (30 marks)
