

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY**

**OF**

**AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2014/2015**

**YEAR III SEMESTER I EXAMINATION FOR THE DEGREE OF BACHELOR OF COMMUNITY HEALTH**

**IPH 2301: MATERNAL CHILD AND NUTRITION**

**DATE:DECEMBER 2014 TIME: 2 HOURS**

**Answer all questions from section A and choose a or b or c from section B**

**SECTION A**

**QUESTION ONE**

a. Explain any two mechanisms of fertilization that result in twin pregnancy.

(6 marks)

b. Define the following terms.

a. Maternal health. (2 marks)

b. COCs (2 marks)

c. Progesterone. (2 marks)

c. Describe the phases in which an ova develops into a full term fetus. (6 marks)

d. a. Identify any three physiological changes in a woman’s body during pregnancy. (3 marks)

b. Explain the effect each change has on the mother. (3 marks)

e. a. Explain the underlying risks of iron deficiency in pregnancy. (4 marks)

b. Provide at least two different nutritional management. (2 marks)

f. a. Why is a person more likely to transmit a sexually transmitted infection when outward signs and symptoms are present? (2 marks)

b. With regard to transmission, what two things must happen for HIV infection to occur? Explain. (4 marks)

g. Define two types of infertility and provide at least one treatment/management for both. (6 marks)

**SECTION B CHOOSE ANY ONE QUESTION between a ,b and c (22 MARKS)**

a. i. Explain any six methods of family planning. (12 marks)

ii. Explain the main advantages of using the IUCD (10 marks)

b. i. Explain the role of breastfeeding, feeding pretem infants, and complementary feeding. (12 marks)

ii. Discuss how prevention and management of malnutrition is achieved.

(10 marks)

c. Discuss the micronutrient requirements for mothers during pregnancy and lactation. Include dietary recommendations for each micronutrient.

(22 marks)