



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF EDUCATION**

**DEPARTMENT OF SPECIAL NEEDS EDUCATION AND EARLY CHILDHOOD  
DEVELOPMENT**

**UNIVERSITY EXAMINATION 2016/2017**

**THIRD YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF  
BACHELOR OF EDUCATION IN EARLY CHILDHOOD EDUCATION AND  
DEVELOPMENT**

**MAIN CAMPUS**

---

**COURSE CODE: EEC 3321**

**COURSE TITLE: MATERNAL, CHILD HEALTH AND NUTRITION**

**EXAM VENUE:**

**STREAM:**

**DATE:**

**EXAM SESSION:**

**TIME: 2 HOURS**

---

**Instructions:**

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

### QUESTION ONE

- a. (i) Define nutrition? (2 Marks)
- (ii) Identify the **FOUR** nutritional deficiencies that often affect children, and their possible remedies. (8 Marks)
- b. Outline **FIVE** nutrition related problems in pregnancy (10 Marks)
- c. (i) State why **calcium** is an important nutrient for pregnant adolescent. (2 Marks)
- (ii). Identify **FOUR** conditions that children are at risk of during the middle childhood (8 Marks)

### QUESTION TWO

Explain the categories of women who are at increased nutritional risk during pregnancy. (20Marks)

### QUESTION THREE

- a) Outline the advantages of breastfeeding to the infants (5Marks)
- b) Discuss **FIVE** factors that contribute to the low health status of women in developing countries. (15 marks)

### QUESTION FOUR

- (a) Outline **FIVE** health risks in women with pregnancy that could affect their children. (5 Marks)
- (b) Explain **FIVE** roles of maternal and child health in learning and development of children. (15Marks)

### QUESTION FIVE

- (a) Highlight any **FIVE** essential nutrients that should be taken in pre-pregnancy. (5Marks)
- (b) Discuss how a mother's weight affect both conception and the baby's weight. (15 Marks)