



JARAMOGI OGINGA ODINGA UNIVERSITY

OF SCIENCE & TECHNOLOGY

UNIVERSITY EXAMINATIONS 2012/2013

**2ND YEAR 1ST SEMESTER EXAMINATION FOR THE
DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT**

(MAIN)

COURSE CODE: HDC 2217

COURSE TITLE: COMMUNITY HEALTH AND NUTRITION

DATE: 16/8/2013

TIME: 11.30-1.00PM

DURATION: 1.30 HOURS

INSTRUCTIONS

- 1. This paper consists of 5 Questions.**
- 2. Answer Question 1 (Compulsory) and any other 2 questions.**
- 3. Write your answers on the answer booklet provided.**

SECTION A:- ANSWER ALL QUESTION IN THIS SECTION

1. State factors that promote good nutrition within a community (3 marks)
2. State reasons why the body needs food (3 marks)
3. Give reasons why children under five are a high risk group (3 marks)
4. Mention classification of proteins and examples of exceptions in each case (3 marks)
5. State the uses of nutrients in body building during pregnancy (3 marks)
6. Give reasons for importance of community participation in improving health (3 marks)
7. State classification of polysaccharides (3 marks)
8. State three factors that decrease calcium absorption within the body (3 marks)
9. State the functions of water in the body (3 marks)
10. Define the following terms (3 marks)
 - a) Community nutrition
 - b) High risk group

SECTION B:- ANSWER ANY TWO QUESTIONS

1.
 - a) Discuss factors that determine nutritional needs during pregnancy (6 marks)
 - b) Explain factors that contribute to nutritional risk during pregnancy (14 marks)
2.
 - a) Discuss functions of carbohydrates (10 marks)
 - b) Discuss nutritional needs that may impede conception (10 marks)
3.
 - a) Explain clinical problems due to calcium deficiency (8 marks)
 - b) With the aid of a diagram discuss the relationship between nutrition and disease (12 marks)
4. Discuss factors that result to poor health within the community and the measures to be put in place to improve health (20 marks)