



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH AND
DEVELOPMENT**

2ND YEAR 1ST SEMESTER 2019 ACADEMIC YEAR

KISII CAMPUS

COURSE CODE: HDC 2217

COURSE TITLE: COMMUNITY HEALTH AND NUTRITION

EXAM VENUE: STREAMS: (Dip. Comm. Health & Dev.)

DATE: DECEMBER, 2019

EXAM SESSION:

TIME: 1.5 HOURS

Instructions:

- 1. Answer all questions in section A and any other 2 questions in Section B.**
- 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**

Section A: Any ALL questions

Question one

- a. Define the following terms
 - a. Community nutrition (1 mark)
 - b. Malnutrition (1 mark)
 - c. Under nutrition (1 mark)
 - d. Over nutrition (1 mark)
- b. Outline 4 functions of minerals in the body (4 marks)
- c. List 4 function of carbohydrate in the body (4 marks)
- d. State two forms of protein energy malnutrition (2 marks)
- e. State two types of nutrients according to body requirements (2 marks)
- f. Give 3 major causes of malnutrition (3 marks)
- g. List 2 functions of Vitamins (2 marks)
- h. Outline 4 factors affecting basal metabolism rate (4 marks)
- i. List 5 group of nutritional vulnerable group (5 marks)

Section B: Answer ANY 2 questions

- 2. a) Discuss the various nutritional assessment methods (10 marks)
b) Discuss nutrition and HIV/AIDS (10 marks)
- 3. Discuss general factors that affects basal metabolism rate of an individual (20 marks)
- 4. a. Discuss the two types of protein energy malnutrition (10marks)
b. Discuss the digestion process (10 marks)
- 5. a) Discuss the various methods of nutrition interventions (10 marks)
b) Explain mechanisms of nutrition interventions (10 marks)