



**TECHNICAL UNIVERSITY OF MOMBASA**  
**FACULTY OF HUMANITY AND SOCIAL SCIENCES**  
**DEPARTMENT OF SOCIAL SCIENCES**

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**UNIVERSITY EXAMINATION FOR:**  
**DIPLOMA IN COMMUNITY DEVELOPMENT AND**  
**COUNCELING Y2 S2**  
**ANH 2330: APPLIED COMMUNITY NUTRITION**

**END OF SEMESTER EXAMINATION**

**SERIES: APRIL 2016**

**TIME: 2 HOURS**

**DATE:**

**Instructions to Candidates**

You should have the following for this examination

*-Answer Booklet, examination pass and student ID*

This paper consists of five questions.

Attempt attempt question ONE and any other TWO questions

**Do not write on the question paper.**

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**Question ONE**

1. a) Explain how good agriculture is a major contributing factor to good nutrition  
**(5mks)**
- b) Outline the factors that must be observed when preparing weaning food for young children **(6mks)**
- c) List the functions of protein in the body **(5mks)**
- d) State the factors that influence the calories requirement of individuals **(5mks)**

- e) i, Define a food table **(2mks)**
- ii, State the role of food table in local nutrition programme **(3mks)**
- f) List four functions of lipids in the human diet **(4mks)**

**Question TWO**

- 1. Write short notes on vitamin A as a major micronutrient **(20mks)**

**Question THREE**

- 1. Briefly outline the predisposing factors to under-nutrition in a community **(20mks)**

**Question FOUR**

- 2. a) Define the following terms
  - i. community nutrition **(2mks)**
  - ii. metabolism **(2mks)**
  - iii. Reference protein **(2mks)**
  - iv. Hypovitaminosis **(2mks)**
- b) Discuss the three major determination of nutrition in the individual and community **(12mks)**

**Question FIVE**

Outline the symptoms and signs that may occur in the following the disorders

- a) Scurvy **(6mks)**
- b) Osteomalasia **(5mks)**
- c) Kwashiorkor **(9mks)**