



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## University Examinations 2013/2014

SECOND YEAR, SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN FOOD SCIENCE AND NUTRITION

### AFN 2201: NUTRITIONAL ANTHROPOLOGY

DATE: DECEMBER 2013

TIME: 2 HOURS

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INSTRUCTIONS: Answer questions *one* and any other *two* questions.

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#### QUESTION ONE (30 MARKS)

- a) Definitions: define the following terms. (5 Marks)
- i. Dietary Delocalization
  - ii. Food Choice
  - iii. Free market
  - iv. Land expropriation
  - v. Food balance sheet
- b) Explain what is human nutrition and giving illustrations, discuss the various levels of interactions between nutrition and physiology of human body. (5 Marks)
- c) Name and define the three anthropometric measurements recommended by the World Health Organization (WHO) to be used to compare under nutrition in children (5 Marks)
- d) Briefly discuss under nutrition and explain its various determinants (5 Marks)
- e) Describe what is food security and explain the main dimensions of food security. (5 Marks)
- f) Explain the relation between nutrition and health. (5 Marks)

#### QUESTION TWO (20 MARKS)

Discuss the various factors that influence our food choice. Give examples and illustrations where possible.

**QUESTION THREE (20 MARKS)**

Discuss the various immediate causes of undernutrition stating clearly how each factor leads to undernutrition.

**QUESTION FOUR (20 MARKS)**

Define the following terminologies and for each case, discuss how nutritional status is affected.

- i. Globalization
- ii. Land degradation
- iii. Land expropriate
- iv. Delocalization and Commoditization