



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

**SCHOOL OF AGRICULTURE AND FOOD SCIENCES**

**THIRDIYEAR FIRST SEMESTER UNIVERSITY EXAMINATION FOR THE DEGREE  
OF BACHELOR OF SCIENCE IN FOOD SECURITY**

**2017/2018 ACADEMIC YEAR**

**REGULAR**

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**COURSE CODE: AFB 3317**

**COURSE TITLE: NUTRITIONAL ANTHROPOLOGY II**

**EXAM VENUE: LR 5**

**STREAM: (BSc. FOOD SECURITY)**

**DATE: 13/12/17**

**EXAM SESSION:9.00 – 11.00 am**

**TIME: 2 HOURS**

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**Instructions:**

- 1. Answer ALL questions in Section A and Any two questions in Section B**
- 2. Candidates are advised not to write on question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**

**SECTION A [30 MARKS]**

**Answer ALL questions in this section**

1. Describe the following African foods giving their past present and future outlook:
  - a. Egusi (4 marks)
  - b. Bambara bean (4marks)
  - c. Finger Millet (4 marks)
2. List three (3) animals hunted for their meat in West Africa and discuss their effect on biodiversity and human health (6 marks)
3. Describe the key nutrients from the following Maasai traditional foods and which group was allowed consume them.
  - a. Nailanga (blood + milk) (3 marks)
  - b. Olkimitare (Herb) (3 marks)
  - c. Olpurda(Lean dried meat in solidified fat) (3 marks)
4. Give the three objectives for nutritional status assessment (3 marks)

**SECTION B [40 MARKS]**

**Answer ANY TWO questions from this section**

5. You are required to advise your colleagues at the university to improve their diets to avoid non communicable diseases (ncds).
  - a. Write notes for you talkentitled “ Use of African Indigenous foods to combat ncds”. (10 marks)
  - b. Describe the main methods to collect data on dietary intake. (10 marks)
6. Discuss the current production status of fonio and it nutritional benefits Africans would gain by increasing its consumptionand effects on environmental sustainability. (20 marks)
7. Moringa is plant used as food as well as medicine. Discuss its multi-functionality, myths, facts or taboos associated with it. (20 marks)