



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

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
PUBLIC HEALTH/ COMMUNITY HEALTH AND DEVELOPMENT**

3ND YEAR 1ST SEMESTER 2015/2016 ACADEMIC YEAR

KISII CAMPUS- PART TIME

COURSE CODE: HCD 3313

COURSE TITLE: COMMUNITY HEALTH AND NUTRITION

EXAM VENUE: LR 17

STREAM: (BSc. P. Health / Comm Hlth & Dev)

DATE: 22/12/16

EXAM SESSION: 9.00 – 11.00 AM

TIME: 2.00 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 Answer all questions in this section (30 marks)

- 1) Distinguish between xerophthalmia and photoreduction (2marks)
- 2) State three consequences of vitamin A in the body (3marks)
- 3) Distinguish between primary protein under-nutrition and secondary protein under-nutrition (2 marks)
- 4) List any two advantages of clinical nutritional assessment (4marks)
- 5) Suggest any four interventions that you would recommend for institutionalized elderly patients with protein energy under-nutrition (PEU) (4 marks)
- 6) Outline four treatment for protein under nutrition in children (4 marks)
- 7) State the 4 major causes of Vitamin A deficiency (4marks)
- 8) Explain any four main biological factors that influence nutrient needs of an individual (4marks)
- 9) State three major causes of protein energy under nutrition (3marks)

SECTION B Answer any two Questions (40 Marks)

1. a) Explain the advantages and disadvantages of anthropometry as a nutritional status assessment method (14 marks)
b) You have been posted to a refugee camp as a community health officer. With reasons, state what your first assignment would be. (6 marks)
2. Describe how you would measure waist/hip ratio and body mass index, giving correct interpretation (20marks)
3. a) Explain the major causes and symptoms of iron deficiency (14 marks)
b) Explain any six basic principles of nutrition (6marks)
4. You have been left to carry out home based care for your brother who is bed ridden with HIV/AIDS. Describe the dietary requirements you would recommend for the invalid. .. (20 marks)

