



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR BACHELOR IN PUBLIC HEALTH &
COMMUNITY HEALTH AND DEVELOPMENT
2ND YEAR 1ST SEMESTER 2013/2014 ACADEMIC YEAR
CENTER: BUSIA**

COURSE CODE: HCD 3215
COURSE TITLE: ENVIRONMENTAL HEALTH
EXAM VENUE: STREAM:
DATE: EXAM SESSION:

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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 (30 marks)

1. **What** are the dangers posed by refuse in the environment? (3 marks)
2. **Describe** the role of the community in bringing about environmental changes. (3 marks)
3. **Give** any three checklist items for conducting a village environmental survey. (3 marks)
4. **Name** any three sources of water contamination, and briefly outline how such contamination can be prevented or minimized. (3 marks)
5. **Enumerate** any six diseases that can be spread from faeces. (3 marks)
6. **Explain** how you would dispose of refuse at a health centre. (3 marks)
7. **State** any six global common environmental issues, which will require coordinated mitigation actions among nations of the world. (3 marks)
8. **Outline** six roles of environmental health officers. (3 marks)
9. **Define** the term “environmental health”. (3 marks)
10. Besides each of the following diseases, **specify** whether it is
 - a. water-borne
 - b. water-washed
 - c. water-relatedamoebiasis: -----
malaria: -----
typhoid: -----
scabies: -----
onchocerciasis: -----
hepatitis: ----- (3marks).

SECTION B. ANSWER ANY TWO QUESTIONS (40 marks)

- Q1.** Discuss the process of environmental health impact assessment. (20 marks)
- Q2.** With examples of types and sources, discuss the effects and control of environmental pollution. (20 marks)
- Q3.** Discuss the following;
(a) The effects and mitigating measures of climate change to environmental health. (10 marks)
(b) The effects and principles of management of toxic wastes in the environment. (10 marks)
- Q4.** Discuss the concept of hygiene promotion of health in respect to; -
(a) Housing and sanitation (4 marks)
(b) Food and food hygiene. (4 marks)
(c) Water sources and supply (4 marks)
(d) Vectors and vector control (4 marks)
(e) Waste and refuse management (4 marks)