



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

**UNIVERSITY EXAMINATION FOR BACHELOR OF SCIENCE (PUBLIC
HEALTH/COMMUNITY HEALTH & DEVT.)**

1ST YEAR 2ND SEMESTER ACADEMIC YEAR

CENTER: KISUMU

COURSE CODE: HPD 3122
COURSE TITLE: WASTE MANAGEMENT
**EXAM VENUE: STREAM: BSc. Public Health/Community Health &
Devt.**
DATE: EXAM SESSION:

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

- Q1. As a community health extension worker, why should you be concerned with solid waste disposal? (3 marks)
- Q2. Kisumu city environment department is planning to develop a landfill facility. As an environmental health expert, give three problems to worry about (3 marks)
- Q3. Which methods would you recommend for safe refuse disposal in rural areas (3 marks)
- Q4. You are a representative of Kiosk operators; state any three issues you would raise about waste disposal and flies ecology at the Kisumu bus terminus (3 marks)
- Q5. As level of development of a country increases, there are general trends that are observable worldwide. Outline three (3 marks)
- Q6. State the function of facultative ponds in waste stabilisation pond design (3 marks)
- Q7. As a public health inspector what do you understand by the term e-waste? (3 marks)
- Q8. Name any three constraints towards achieving environmentally sound waste management in Africa. (3 marks)
- Q9. Kenya has banned use of persistent chemicals that may require treatment and special disposal. Name any two (3 marks)
- Q10. Management of hazardous waste is a key environmental health practice. Enumerate three commonly used facilities (3 marks)

SECTION B.

- Q1. You have been invited to present a scientific paper on factors affecting hazardous waste management in Africa. Briefly discuss the presentation. (20 marks).
- Q2. Discuss the various ways of solid waste disposal in Africa. (20 marks)
- Q3. Discuss the environmental management and coordination Act No.8 of 1999 with regard to waste management (20 marks).
- Q4. You have been invited by the Nyalenda location chief to give a talk in his baraza on waste management. Give an outline of your talk (20 marks).