

JARAMOGI OGINGA ODINGA UNIVERSITY

UNIVERSITY EXAMINATIONS 2013/2014

FIRST YEAR FIRST SEMESTER EXAMINATION (MARKING SCHEME)

DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT

H.D.C 2113: WASTE MANAGEMENT

DATE: 08th/07/ 2013

Answer all questions in section A and B

SECTION A (30 MARKS)

1. Define Waste management (3 marks).
2. Outline 3 types of conservancy systems and provide one disadvantage of each (3 marks)
3. Name 3 secondary Barriers to Disease Transmission.
4. Classify infections which occurs through consumption of food contaminated by faecal matter according to the causative organisms (3marks)
5. Define waste recycling as a method of waste disposal? (3 marks).
6. List three (3) adverse impacts of a landfill (3marks)
7. State three (3) Characteristics of water carriage systems
8. List 3 types of solid waste and give examples (3 marks)
9. Briefly discuss 3 adverse impacts of an incinerator (3marks)
10. Briefly discuss the 3 critical elements in secure landfill (3 marks)

SECTION B (Answer ANY 2 Questions)

1. Discuss the characteristics of sewage waste water (15marks)
- 2) Discuss the importance of waste water treatment giving examples (15marks)
- 3). Discuss the stages of solid waste management including all the disposal options (15 marks).
- 4). Discuss the stages involved in sewage treatment? (15 marks)