



UNIVERSITY OF SWAZILAND
Faculty of Health Science

Department of Environmental Health
Sciences

Main Examination 2010

Title of paper: SOLID WASTE MANAGEMENT

Course code: EHS 205

Time allowed: 2 hours

Marks allocation: 100 Marks

Instructions:

- 1) Read the questions and instructions carefully
- 2) Answer ALL questions
- 3) Each question is weighted 25 marks
- 4) Write neatly and clearly
- 5) Begin each question on a separate sheet of paper

This paper is not to be opened until the invigilator has granted
permission

Main Examination : May 2010

EHS 205

QUESTION 1.

A) Briefly discuss the terms, Policy and Strategy- the differences and linkages. (10)

B) Write a brief presentation entitled "LOCAL AGENDA 21- CHALLENGES FOR THE NEW MILLENNIUM", your answer should make reference to the three(3) agenda 21 essentials. (15)

QUESTION 2.

A local authority which has adopted a Sanitary Landfill in accordance with the recommendation of the Ministry of Health and Social Welfare for the disposal of solid waste, receives complaints of flies and odours in residential houses near the landfill.

What investigations as an EHO would you consider necessary to make and why in order to rectify the complaints. (25)

QUESTION 3.

A) Discuss composting under the following methods!

1. Windrowing (5)
2. Forced- Aeration (5)
3. In-Vessel (5)

B) How would you judge a good condition of compost? (10)

QUESTION 4.

A) What are the benefits of waste minimization and recycling? (5)

B) What is Environmental Auditing of a company in regard to waste management and how does it help the company? (5)

C) Write notes on the following recycling system.

- i) Bring system (5)
- ii) Collect system (5)
- iii) Centralized Segregation (5)