



UNIVERSITY OF SWAZILAND

Faculty of Health Science



Department of Environmental Health Sciences

Final Examination 2007/2008

Title of paper: Risk assessment, Management and
Communication II

Course code: EHS 568

Time allowed: 2 hours

Marks allocation: 100 Marks

Instructions:

- 1) Read the questions and instructions carefully
- 2) Answer any Four questions
- 3) Each question is weighted 25 marks
- 4) Write neatly and clearly

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

Answer any 4 questions

Question 1

- a) What is an incident investigation?
[4 marks]
- b) What should be included in an incident investigating report?
[5 marks]
- c) Outline the components of a systematic incident investigation method
[16 Marks]

Question 2

A manufacturing company produces different types of waste.

- a) What is a hazardous waste?
[2 Marks]
- b) Explain 6 types of industrial waste and give examples
[18 Marks]
- c) Giving an example illustrate how a hazardous waste can affect the environment
[5 Marks]

Question 3

- a) What is a Disabling Injury Incidence Rate (DIIR)?
[5 marks]
- b) When investigating an incident, what factors would you consider in order to know the basic fundamental reasons for the existence of the unsafe acts or conditions
[20 Marks]

Question 4

In a 30-min session, you are to make a presentation to management on “**Occupational accident/disease and how they are handled according to the law**”.

- a) Explain the communication cycle in presentation sessions
[5 Marks]
- b) Language is important when presenting, Why?
[5 Marks]

c) Write the objectives of the session [5 Marks]

d) Write points to discuss in the session [10 Marks]

Question 5

a) What is risk assessment and management? [5 Marks]

b) Discuss in detail the two (2) important approaches to risk management in the workplace -Preventative and Reactive [20 Marks]