

UNIVERSITY OF SWAZILAND
Faculty of Health Sciences

Department of Environmental Health Science

Final Examination
2014

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 4 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 4 questions

Question 1

In a 30 minute session, you are to make a presentation to management on “Accident/incident investigation”.

- a) Write the objectives of the session. [5 Marks]
- b) Write the outline of the session. [5 Marks]
- c) Write the points to discuss in the session. [10 Marks]
- d) What is the importance of setting objectives when preparing for a presentation? [5 Marks]

[TOTAL 25 Marks]

Question 2

- a) What is the difference between an incident and an accident? [1 Mark]
- b) When investigating an incident/accident there are 6 questions to ask:
Who? What? Where? When? Why? How?

Discuss the importance of the responses you would get from each of the 6 questions in an investigation.

[18 Marks]

- c) What is the importance of investigating an incident or accident?

[6 Marks]

[TOTAL 25 Marks]

Question 3

- a) How does an accident affect the company and the injured worker? [9 Marks]
- b) Explain the 4 contributing factors to accidents. [16 Marks]

[TOTAL 25 Marks]

Question 4

- a) Define Communication. [1 Mark]
- b) Effective communication about health and safety relies on information from 3 sources. Discuss the 3 sources. [6 Marks]

c) Discuss 5 factors influencing communication. [10 Marks]

d) What are the 4 components of communication? [8 Marks]

[TOTAL 25 Marks]

Question 5

a) What is a hazardous waste? [2 Marks]

b) Giving an example to illustrate how hazardous waste can affect the environment. [5 Marks]

c) Explain 6 types of industrial waste and give examples. [18 Marks]

[TOTAL 25 Marks]