

UNIVERSITY OF SWAZILAND

Faculty of Health Sciences

Department of Environmental Health Science

May 2017 Main Examination

Title of paper: Management of Occupational Safety and Health

Course code: EHM411

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 any 4 questions

Question 1

- a) What is the definition of Occupational Safety and Health Management [5 Marks]
- b) Occupational health and safety management system is a 4-step approach: Plan, Do, Check and Act. Discuss what each of the 4-steps above implies and give examples. [20 Marks]

Question 2

- a) What is the purpose of accident/incident investigation? [5 Marks]
- b) Company A has a poor occupational health and safety management programme. Working tools were not inspected as should be the practice. One day a cleaner was cleaning the corridor, his bucket had a hole which he didn't know about; as a result of this he spilt water onto the floor. An employee who was rushing and failed to spot spill slipped and banged her head on the floor. Using the Domino theory investigate the above scenario. [20 Marks]

Question 3

- a) Occupational health, by definition, is the promotion and maintenance to the highest degree of physical, mental and social well-being of all workers. Explain how the worker's health can be affected physically, mentally and social wise. [15 Marks]
- b) What is the importance of an Employee Assistance Programme? [10 Marks]

Question 4

i) In relation to the Occupational Safety and Health Act (2001) in Swaziland

Outline:

- a) The duties of the Employer. [8 Marks]
 - b) The duties of the Employee. [5 Marks]
 - c) What an accident is? [2 Marks]
 - d) How an accident can be reported? [2 Marks]
- ii) What are the provisions of the Occupational Health and Safety Management System (OHSAS 18001)? [8 Marks]

Question 5

- a) In terms of application, what is the difference between the Occupational Safety and Health Act (2001) and the Factories Machinery and Construction Work Act (1972)? [5 Marks]
- b) A worker earning E3000.00 per month was injured on duty. The medical practitioner assessed him and said his disability was 15%.
Calculate his compensation if:
 - i. He is temporally disabled for 4 months. [5 Marks]
 - ii. He is permanently disabled. [5 Marks]
- c) Discuss the process of selecting health and safety representative(s). [5 Marks]
- d) Discuss the process of selecting health and safety committee(s). [5 Marks]