



**UNIVERSITY OF SWAZILAND**

Faculty of Health Science

Department of Environmental Health  
Sciences

Final Examination 2005

Title of paper: Institutional Environmental Health and  
Safety

Course code: EHS 532

Time allowed: 2 hours

Marks allocation: 100 Marks

Instructions:

- 1) Read the questions and instructions carefully
- 2) Answer 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

**EHS 532**  
**FINAL EXAMINATION**  
**YEAR 2004/2005**

Answer any 4 questions

**Question 1**

Explain the different types of medical examinations that employees can go through. State their importance.

[25 Marks]

**Question 2**

Explain the design of an ergonomic workstation, considering the chair and work surface

[25 Marks]

**Question 3**

a) What does manual material handling involve?

[5 Marks]

b) What measures would you consider when minimizing adverse effects of manual material handling?

[20 Marks]

**Question 4**

Most manufacturing industries have a clinic with a general nurse and an occupational health nurse.

i) Explain the difference in their activities

[10 Marks]

ii) Explain the functions of the occupational health service

[15 Marks]

**Question 5**

What is an occupational health and safety management system? Outline the elements of such a system.

[25 Marks]

**Question 6**

Explain the classification of hazards in a workplace. Give 3 examples of hazards in each class.

[25 Marks]