



UNIVERSITY OF SWAZILAND

Faculty of Health Science

Department of Environmental Health Sciences

Supplementary Examination July 2013

Title of paper: OCCUPATIONAL HEALTH

Course code: EHS 315

Time allowed: 2 HOURS

Marks allocation: 100 Marks

Instructions:

- 1) Answer ANY FOUR (4) questions**
- 2) Each question is weighted 25 marks**
- 3) Write neatly and clearly**
- 4) Begin each question in a separate sheet of paper**

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

QUESTION 1

- a) Give 5 components for each of the following hierarchy of control under the following sub – headings (10)
 - i. Engineering Controls and
 - ii. Administrative measures
- b) Write short notes on the benefits of the Return To Work program both to the worker and the employer (10)
- a) What do the following acronyms stand for in OHS [5]
 - TWA
 - TLVs
 - PEL
 - STEL – C
 - TLV - C

QUESTION 2

- a) What three basic health and safety changes were brought about by the industrial revolution from 1750 just before England passed the first Factory bill in 1802 (6).
- b) According to the ILO Conference, (1984) a declaration was made that all workers have rights. Name and briefly discuss these rights (6)
- c) List the eleven key principles of Occupational Health (11)
- d) What are Workplace Exposure Standards? (2)

QUESTION 3

- a) Before an Occupational Health Officer can mount a training workshop, there are some key considerations that should be made. Briefly discuss these considerations (12)
- b) What is the objective of civil law as regards OHS and the issues that it tries to address? (8)
- c) According to the Swaziland Occupational Safety and Health Act, 2001, what are the responsibilities placed upon the employer? (5)

QUESTION 4

- a) List the hierarchy of training objectives (5)**
- b) Discuss the responsibilities of the employee as contained in the Swaziland Occupational Safety and Health Act, 2001 (5)**
- c) List any 5 key issues to be considered if one is putting up a workplace safety program (10)**
- d) What is the benefit of using sound ergonomic principles (5)**

QUESTION 5

- a) State any 10 keys that are addressed by Material Safety Data Sheet (10)**
- b) Extreme temperatures in the workplace can have adverse effects to workers, what could these adverse effects be? (5)**
- c) Write short notes on the objectives of induction/orientation training (10)**