



**UNIVERSITY OF SWAZILAND**  
**Faculty of Health Sciences**  
**Department of Environmental Health Science**

**BACHELOR OF SCIENCE IN ENVIRONMENTAL  
MANAGEMENT AND OCCUPATIONAL HEALTH**

**EHS 317 DECEMBER 2019 FINAL EXAMINATION PAPER**

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**TITLE OF PAPER : OCCUPATIONAL HEALTH SERVICE MANAGEMENT I**  
**COURSE CODE : EHS 317**  
**DURATION : 2 HOURS**  
**MARKS : 100**

**INSTRUCTIONS**

- 1. Read the questions & instructions carefully**
- 2. Question 1 is compulsory**
- 3. Then answer ANY THREE (3) questions**
- 4. Each question is weighted 25 marks**
- 5. Write neatly and clearly**
- 6. Begin each question in a separate sheet of paper**
- 7. Numbering within a chosen question should be in a sequential order**
- 8. BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER.**

**DO NOT OPEN THIS QUESTION PAPER UNTIL PERMISSION IS GRANTED BY  
THE INVIGILATOR.**

**QUESTION 1**

This question comprises of a mixture of true/false statements, one word or multiple answers. For the T/F only write the letter and not the whole statement.

- a) The Joint ILO/WHO Committee - heralded a shift in power from the providers of health services to the consumers of those services and the wider community (2)
- b) Declaration of Alma-Ata.. Soon after the formation of the World Health Organization, this joint committee initiated collaboration between the two organizations (2)
- c) 1981 – ILO Convention 155, how many countries had ratified this Convention in 1981? (2)
- d) Global Strategy on Occupational Health for All presented a brief situation analysis, and recommended 10 priority areas for action (2)
- e) Name the Declaration that defined WHP as “the combined efforts of employees, employers and society to improve the health and well-being of people at work (3).
- f) Name the declaration that operationalized the 1995 Global Strategy on Occupational Health for All, providing clear objectives and priority areas for action (3)
- g) .....means a suspended platform seat intended for supporting one person in an elevated position. (2)
- h) .....means an ailment/disease that may be caused by inhalation, absorption, ingestion, or direct contact with a hazard in the workplace (2).
- i) ..... is the legal obligation of one person towards another and him or herself with regard to health, safety and security (2).
- j) Standard operating procedures are essential tools to eliminate or minimize hazards in the workplace and to maintain a safe work environment. (1)
- k) Outline auditing requirements in the workplace under Occupational Health Service (4).

**TOTAL MARKS 25**

**QUESTION 2**

- a) According to the Donabedian's Quality Framework, outline the medical outcomes that it covers (8).
- b) Outline the main reasons that require companies to carry out accident investigations in the workplace (6).
- c) Write briefly about sickness certification (8).
- d) What is a kinesthetic learner (3)

**TOTAL MARKS 25**

**QUESTION 3**

- a) List 5 critical information that should be contained in a worker's health record (5).
- b) Differentiate between environmental and health monitoring (8).
- c) Unravel the statement; OHS records are not an end in themselves but they are tools that fill a need (10).
- d) Write this acronym in full STEP (2)

**TOTAL MARKS 25**

**QUESTION 4**

- a) Write short notes on the NIOSH Lifting equation and indicate the task variables that are taken into consideration when calculating it (20)
- b) Define the Lifting Index (5).

**TOTAL MARKS 25**

**QUESTION 5**

- a) Your workers often complain of back pain every morning when they report for duty. What advice can you give them regarding sleeping position and poor posture? (8).
- b) List the most common tasks that OHS unit should deal with according to the International Labour Organization (12).
- c) What are the five objectives of health care (5)

**TOTAL MARKS 25**