



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

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

**JULY 2019 RESIT EXAMINATION PAPER**

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**TITLE OF PAPER : OCCUPATIONAL HEALTH SERVICE MANAGEMENT II**  
**COURSE CODE : EHS 354**  
**DURATION : 2 HOURS**  
**MARKS : 100**

**INSTRUCTIONS**

- 1. Read the questions & instructions carefully**
- 2. Then answer ANY FOUR (4) questions**
- 3. Each question is weighted 25 marks**
- 4. Write neatly and clearly**
- 5. Begin each question on a separate sheet of paper**
- 6. Numbering within a chosen question should be in a sequential order**

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

**QUESTION 1**

- a) Outline any 4 common auditory disorders that may be experienced by workers in a noisy workplace (8).
- b) Differentiate between Employee Assistance Programme and Wellness Programmes (8).
- c) What are the consequences of not having a Wellness programme? (5).
- d) Define presenteeism and absenteeism (4).

**QUESTION 2**

- a) Why should medical examinations be continuously monitored? (2).
- b) Give the rationale of collecting data of diseases on workers (2)
- c) Differentiate between active and passive surveillance (4)
- d) Briefly discuss the active health surveillance at the enterprise level (5)
- e) Name the main purpose of health examinations (6)
- f) Which body parts are likely to be affected due to musculoskeletal vibration (6)?

**TOTAL MARKS 25**

**QUESTION 3**

- a) According to the history of HAVS, name the milestones that occurred in the following periods; 1975, 1985, 1997 (6).
- b) "The trouble seems to be caused by the vibrations of the tool and cold..." Who made this observation? (2)
- c) Name the contents that one would typically find in an Occupational Service laboratory (7)
- d) Name the types of preventative medical examinations that workers undergo in the workplace (8).
- e) How is verification of a syringe during a spirometry carried out? (2)

**TOTAL MARKS 25**

**QUESTION 4**

- a) What is the danger of using heavy & older tools in relation to vibration? (2)
- b) Define WBV and HAVS (4)
- c) As an OHS what can you do in the long term to reduce the incidence of WBV? (6)
- d) Outline the general role of the OSH officer with regards to WBV (4)
- e) List 3 personal factors that might contribute to WBV (6)
- f) How can WBV contribute to difficulty in driver visibility be a problem considering (2)
- g) What do you understand by the condition of a worker coughing up blood? (1)

**TOTAL MARKS: 25**

**QUESTION 5**

- a) How is the Rinnie's test carried out starting from normal exposure? (8).
- b) Indicate the level of hearing loss depicted in the following scenarios (6).
- c) What responsibilities are given to occupational health experts with regards to surveillance of worker's health? (5).
- d) Outline the logic that is applied in order to reduce risks at work (4).
- e) Describe the Meniere disease (2 marks)

**TOTAL MARKS 25**