



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

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

MAY 2019 FINAL EXAMINATION PAPER

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. Question 1 is compulsory**
- 3. Then answer ANY OTHER THREE (3) questions**
- 4. Each question is weighted 25 marks**
- 5. Write neatly and clearly**
- 6. Numbering within a chosen question should be in a sequential order**
- 7. BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER.**

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

QUESTION 1

Write briefly about the following terms (25).

- a) Occupational health surveillance
- b) Worker's health surveillance
- c) Working environment surveillance
- d) Active surveillance
- e) Passive surveillance

TOTAL MARKS 25

QUESTION 2

- a) According to the International guidelines on Occupational Safety Health (OSH), OSH should be multi-disciplinary in nature by not addressing only health. Which other areas should it cover? (10).
- b) Name any 5 checklists and guidelines recommended for surveillance (5).
- c) Write briefly about the characteristics of the infrastructure of Basic Occupational Health Services (10).

TOTAL MARKS 25

QUESTION 3

- a) Outline the critical points that should be covered in the flow scheme of activities within the framework of BOHS (14).
- b) List the common signs and symptoms usually associated with Hand and arm vibration and state how long these symptoms become noticeable (8).

Workers affected by HAVS commonly report:

- c) What are the three (3) purposes of health examination? (3)

TOTAL MARKS 25

QUESTION 4

- a) Name the health effects that are associated with whole body vibration and indicate when these symptoms manifest (7).
- b) Outline the different types of Mobile Occupational Health Units that may be found in the workplace with regards to the following;
 - i. Types (8)

- ii. Main aims (7)
- iii. Objectives (3).

TOTAL MARKS 25

QUESTION 5

- a) What areas of concern should be covered under information and education concerning the welfare of workers (8)?
- b) The diagnosis of work-related diseases does not have a definitive importance in terms of compensation, but does in relation to 2 important factors. Name these factors (4).
- c) List any 6 diagnostics special schemes that should be followed for work-related diseases (12).
- d) Give any one reason that makes accident prevention in the work-place important (1).

TOTAL MARKS 25