

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR BSC COMMUNITY HEALTH AND DEVELOPMENT

${\bf 2}~{\bf YEAR}~{\bf 1^{ST}}~{\bf SEMESTER}~{\bf 2022/2023}~{\bf ACADEMIC}~{\bf YEAR}$

KISUMU

COURSE CODE: HCB 1304

COURSE TITLE: ENVIRONMENTAL, OCCUPATIONAL HEALTH AND SAFETY

EXAM VENUE: STREAM: (BSc C.Hlth &Dvpt.)

DATE: EXAM SESSION: DEC 2022

TIME: 2.00 HOURS

Instructions:

Answer all the questions in Section A and ANY other TWO (2) questions in Section B.

Candidates are advised not to write on the question paper.

Candidates must hand in their answer booklets to the invigilator while in the examination room.

SECTION A:

- Differentiate the following terms as used in occupational health and safety (6
 Marks)
 - a. Risk
 - b. Hazard
 - c. Danger
- 2. Describe any THREE (3) functions of occupational health services (3 Marks)
- Enumerate any FOUR (4) importance of work-place occupational auditing (4 Marks)
- 4. Give the key areas to address when conducting Environmental Impact Assessment(EIA) (4 Marks)
- 5. Describe the criteria for recognizing and identifying occupational diseases in work-place environment? (5 Marks)
- 6. Explain the factors influencing toxicity in human body (4 Marks)
- 7. Describe lethal dose as used in occupational health and safety (4 Marks)

SECTION B: Answer question ONE (COMPULSORY) and any OTHER question in this section

- 1. Discuss the principles of risk management in occupational health and safety (20 Marks)
- 2. Discuss Prevention and control strategies in occupational health and safety. (20 Marks)
- 3. Discuss why it is not recommended for any person to sleep in a kitchen where cooking with charcoal is taking place (20 Marks)