



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

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
PUBLIC HEALTH/ COMMUNITY HEALTH AND DEVELOPMENT**

3RD YEAR 1ST SEMESTER 2023/2024 ACADEMIC YEAR

MAIN/KISUMU

COURSE CODE : HCB 1304

COURSE TITLE: OCCUPATIONAL SAFETY AND HEALTH

EXAM VENUE:

STREAM: (Comm Hlth & Dev)

DATE:

EXAM SESSION:

TIME: 2.00 HOURS

Instructions:

1. Answer all questions in section A and any other 2 questions in Section B.
2. Candidates are advised not to write on the question paper
3. Candidates must hand in their answer booklets to the invigilator while in the examination room

SECTION A (30 MARKS)

1. Describe the steps of job safety analysis (4 marks)
2. Outline 4 duties of the employee regarding the implementation of effective OSH policy at workplace. (4 Marks)
3. Describe briefly the general criteria for recognizing and identifying the occupational diseases (6 marks)
4. Describe the hierarchy of prevention and control of hazards in workplace (2 marks)
5. List the factors influencing toxicity in men (4 marks)
6. Describe the human heat balance equation (4 Marks)
7. Differentiate between safety hazard and health hazard (4 marks]
8. List 8 key elements of occupational health and safety (4 marks)

SECTION B: (40 MARKS)

1. Discuss 5 indirect impacts of non-compliance to health and safety rules (20 marks)
2. Discuss risk management process and ISO principles of risk management (20 marks)
3. Discuss the role of ILO in promotion of health and safety at work. (20 marks)
4. Discuss fully the responsibilities of the government in the promotion of occupational safety and health in workplace (20 marks)