



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

**UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH AND  
DEVELOPMENT / TVET**

**2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER 2023/2024 ACADEMIC YEAR**

**MAIN**

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**COURSE CODE: HDC 2221**

**COURSE TITLE: OCCUPATIONAL HEALTH AND SAFETY**

**EXAM VENUE: STREAM: (Dip. Comm Hlth & Dev)**

**DATE: EXAM SESSION:**

**TIME: 1.30 HOURS**

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**Instructions:**

- 1. Answer all the 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: Answer all questions**

1. Define the following terms (2 marks each)
  - a) Occupational health and safety
  - b) Risk
  - c) Hazard
2. List and explain the major physical hazards (4 marks)
3. Describe the hierarchy of preventing and controlling hazards in workplace (5 marks)
4. Describe THREE key elements in Occupational health and safety (3 marks)
5. Describe criteria of recognising and identifying occupational diseases (4 marks)
6. List TWO symptoms of heat stroke and their prevention (4 marks)
7. Differentiate between the following terms (2 marks each)
  - a) First aid case
  - b) Medical treatment case

### **Section B: Answer any two questions**

1. Discuss FIVE fundamental elements of occupational safety and health (OSH). **(15 marks)**
3. Discuss the significant roles of employer, employee, management in promoting occupational safety and health at work **(15 marks)**
4. Discuss the factors influencing toxicity in human body **(15 marks)**
5. Discuss the roles of government in promoting OSH in work places **(15 marks)**