



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR SCIENCE IN
PUBLIC HEALTH AND COMMUNITY HEALTH DEVELOPMENT.**

2RD YEAR 1ST SEMESTER 2016 ACADEMIC YEAR

KISII CAMPUS

COURSE CODE: HCD 3216

COURSE TITLE: OCCUPATIONAL HEALTH

TIME: 2 HOURS

INSTRUCTIONS:

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- 1. Answer ALL Question in section A & any TWO 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 in this section.

1. Define the following terms. (3 marks).
 - a) Hazard.
 - b) Risk.
 - c) Risk Assessment.
2. Explain any 3 recommended safety procedures for handling electric shock and burns. (3 marks).
3. State any 3 major classifications of workplace Hazards. (3 marks).
4. State any 3 Basic Principles of Fire Extinction. (3 marks).
5. Explain any 3 Classes of Fire. (3 marks).
6. Explain the importance of having occupational safety policies at work place. (3 marks).
7. State any 3 ways ILO promotes occupational safety and health among member states. (3 marks).
8. State any three approaches that can be adopted in prevention and control of occupational diseases and injuries that results from inhalation. (3 marks).
9. State any 3 key steps used in the factories and other places of work in risk reduction. (3 marks).
10. State any three effects of ionizing radiation on human health. (3 marks).

SECTION B

1.
 - a) Discuss the components of Occupational Health and Safety. (10 marks).
 - b) Discuss the common challenges encountered in the development of occupational health and safety service. (10 marks).
2.
 - a) Explain three types of compensation under Work Injury Benefits Act (12 marks)
 - b) Discuss the various methods of hazards control (8 marks)

3. You have been appointed as a consultant by Kisii Agricultural Enterprise which has been experiencing occupational health and safety problems. Explain how you would conduct risk audit on the following:
 - a) Health and safety policies
 - b) Health and safety practices
 - c) Health and safety procedures
4. Describe ionizing radiation under the following headings. (20 marks).
 - a) Definition
 - b) Occurrence
 - c) Prevention.