



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF HEALTH SCIENCES**  
**UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH AND**  
**DEVELOPMENT**  
**2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER 2017/2018 ACADEMIC YEAR**  
**KISUMU CAMPUS**

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**COURSE CODE: HDC 2221**

**COURSE TITLE: ENVIRONMENTAL OCCUPATIONAL HEALTH AND SAFETY**

**EXAM VENUE: Kisumu Campus**

**STREAM: Diploma in Community Health and Development**

**DATE:**

**TIME: 1.30 HOURS**

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**Instructions:**

- 1. Answer all the questions in Section 'A' and ANY other two questions in Section 'B' each contain 15 marks**
- 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:**

1. List any three challenges facing occupational health and safety services in Kenya **(3Marks)**
2. Briefly describe how poor work environment can influence health of workers within work environment **(3 marks)**
3. Define the following words as used in occupational health and safety **(3 Marks)**
  - a) Pollution
  - b) Ergonomics
  - c) Risk
4. List any three functions of occupational health services **(3 Marks)**
5. Environmental audit in work place is key in any work environment; highlight any importance of environmental audit in a work place **(3Marks)**
6. List any three indirect significance of Environmental, occupational health and safety to employer **(3 Marks)**
7. Personal protective equipments(PPE) are key in any work environment; highlight any three factors that may hinder workers from using PPEs in work place**(3 Marks)**
8. Hazards can be classified based on the routes of exposure; briefly describe any three routes of biological hazards that can be encountered in medical laboratories in Kenya **(3 Marks)**
9. List any three indirect significance of occupational health and safety to workers in Kenya **(3 Mark)**
10. List any physical hazards that can be experienced in a fish processing factory**(3Marks)**

## **SECTION B:**

1. Discuss the functions of occupational health and safety**15Marks)**
2. Prevention and control strategies are key in occupational health and safety; discuss how you will ensure that workers are safe in their working environment **(15 Marks)**
3. Environmental health officers are very key in occupational health and safety; discuss their roles **(15Marks)**
4. Work place injuries are common phenomenon in any work environment. Discuss work place injuries and their prevention and control measures **(15 Marks)**