



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

**UNIVERSITY EXAMINATIONS FOR DIPLOMA IN COMMUNITY HEALTH AND
DEVELOPMENT**

SECOND YEAR, SECOND SEMESTER 2018/2019

MAIN CAMPUS

COURSE CODE: HDC 2221

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

DATE

TIME

DURATION: 2 HOURS

INSTRUCTIONS:

- 1. This paper contains two sections (A and B)**
- 2. Answer ALL questions in Section A and any Two (2) questions in Section B**
- 3. Write ALL answers in the booklet provided**

Section A: Answer all questions

1. Define occupational safety and health and give its objectives (5 marks)
2. Describe 4 major types of toxicology (4 marks)
3. List three steps you can take to cut carbon pollution (3 marks)
4. List any 3 preventive measures promoting OSH at work (3 marks)
5. Describe three functions of NEMA in Kenya? (3 marks)
6. Describe criteria of recognising and identifying occupational diseases (4 marks)
7. List 2 greenhouse gases and name the sources of these gases (4 marks)
8. Differentiate between the following terms (2 marks each)
 - a) First aid case
 - b) Medical treatment case

Section B:

Choose any two questions

1. Discuss global warming. (15 marks)
2. Discuss the 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)