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

UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT

2ND YEAR 2ND SEMESTER 2019 ACADEMIC YEAR

KISII CAMPUS

COURSE CODE: HDC 2221

COURSE TITLE: ENVIRONMENTAL & OCCUPATIONAL HEALTH & SAFETY
EXAM VENUE: STREAMS: (Dip. Comm Health &Dev)

DATE: 23RD APRIL, 2019   EXAM SESSION: 9.00 – 10.30AM

TIME: 1 ½ 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

Answer all questions in this section-30 MARKS

Question one

i. Define the following terms;
   a. Health (1 mark)
   b. Environmental health (1 mark)
   c. Ergonomics (1 mark)
   d. Hazard (1 mark)
   e. Near miss incidence (1 mark)
ii. Give 3 major role players in environmental health (3 marks)
iii. Outline reasons for poor occupational safety situation in Kenya (4 marks)
iv. State 5 Acts of Kenya labour laws (5 marks)
v. Give 5 types of toxicants (5 marks)
vi. State the four components of an ecosystem (4 marks)
vii. Give 4 different types of environmental pollutants (4 marks)

SECTION B – ANSWER ANY TWO QUESTIONS- 40 MARKS

2. a. Explain the hierarchy of control principles in occupational health and safety (10 marks)

   b. Explain the 5 different aims of occupational health and safety (10 marks)

3. Explain any 5 different classifications of hazards (20 marks)

4. Explain any 10 principles of occupational health and safety (20 marks)

5. a. Brief explains the human-environmental interaction (10 marks)

   b. Explain how you can assess workplace risk in your organization (10 marks)