



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE
PUBLIC & COMMUNITY HEALTH AND DEVELOPMENT
3RD YEAR 2ND SEMESTER 2023/2024 ACADEMIC YEAR
MAIN

COURSE CODE: HCB 1308

COURSE TITLE: ENVIRONMENTAL IMPACT ASSESSMENT AND
AUDIT

EXAM VENUE: STREAM: (BSc. Env Health)

DATE: EXAM SESSION:

TIME: 2.00 HOURS

Instructions:

- 1. Answer all the questions in Section A each contain 3 marks and ANY other two questions in Section B each contain 20 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. Define the term environment (1 mark)
2. State the chemical contaminants in the environment (5 marks)
3. State the physical contaminants in the environment (5 marks)
4. State the biological contaminants found in the environment (5 marks)
5. State THREE non-communicable diseases associated with polluted environment (3 marks)
6. Explain FOUR communicable diseases associated with polluted environment (4 marks)
7. Explain what should be included in the EIA report (5 marks)
8. State the categories of health impact (2 marks)

SECTION B

1. Explain the process entailed in carrying out environmental health impact assessment (20 marks)
2. Explain the health hazards associated with the construction of a factory building in a given county (20 marks)
3. Explain the purpose of environmental health impact assessment (20 marks)
4. Explain the risk factors in the physical and built environment that would increase the disease burden in a community (20 Marks)