



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
PUBLIC HEALTH/COMMUNITY HEALTH AND DEVELOPMENT
SPECIAL EXAMINATIONS NOV. 2020

COURSE CODE: HPD 3413

COURSE TITLE: Land Development, Housing & Health

EXAM VENUE: STREAM: BSC. PUBLIC/COMM.HLTH & DEV

DATE: EXAM SESSION:

TIME: 2.00 HOURS

Instructions:

- 1. Answer all the questions in Section A and 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

1. Define the term pollution (1mark)
2. Define the term air pollution (1mark)
3. List four advantages of a ventilation in a house (4marks)
4. State three disadvantages of poor ventilation in a house (5marks)
5. State three helminthic diseases found in a contaminated soil (6marks)
6. List four advantages of permanent vents (4 marks)
7. List four disadvantages of living in dumpy house (4marks)
8. State four diseases associated with polluted air (5marks)

SECTION B

1. Describe the pollutants in the environment **(20 marks)**
2. Explain the transmission cycle of the following diseases
 - (a) *Ancylostoma duodenale* (hookworms) **(10marks)**
 - (b) Schistosomiasis (bilharziasis) **(10marks)**
3. Discuss the implications of deforestation on human health **(20 marks)**
4. A person living in Manyatta estate-Kisumu is likely to be sick with communicable infectious diseases compared to someone living in Milimani estate-Kisumu. Explain the factors attributable to this scenario **(20marks)**