



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE PUBLIC
HEALTH / COMMUNITY HEALTH AND DEVELOPMENT
1ST YEAR 1ST SEMESTER 2022/2023 ACADEMIC YEAR
MAIN CAMPUS

COURSE CODE: HCB1101

COURSE TITLE: FUNDAMENTALS OF ENVIRONMENTAL HEALTH

EXAM VENUE:

STREAM: (BSc. Public Health)

DATE:

EXAM SESSION: DECEMBER 2022

TIME: 2.00 HOURS

Instructions:

- 1. Answer all the 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 (30 MARKS)

1. Explain the concept of environmental health according to WHO (3mks)
2. Explain the belief by "miasmatists" who clung to the belief that disease was caused by breathing foul air (3mks)
3. Describe THREE risk factors for pneumonia which is a public health problem (3mks)
4. Describe THREE continents where poor sanitary conditions are common
5. Explain THREE most common poverty related health problems
6. Explain THREE components of under nutrition starting with the word 'low' in each (3mks)
7. Explain the concept of unsuitable housing in relation to health (3mks)
8. Describe THREE distinct Phases of public health in the history of public health
9. Describe the first THREE of the four level prevention approaches (3mks)
10. Describe THREE objectives of health education (3 mks)

SECTION B: ANSWER QUESTION ONE (1) AND ANY OTHER QUESTION (40 MARKS)

1. Explain industrial revolution including development and problems in the history of public health (20mks)
2. Explain Common characteristics shown by low-income communities (20mks)
3. Explain five major disciplines in public health (20 mks)
4. Explain the belief of culture of supernatural causes of disease (20mks)