



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF MASTER
SPECIAL EXAMINATIONS NOV. 2020

COURSE CODE: HCB 3214
COURSE TITLE: Environmental Health
EXAM VENUE: STREAM: BSc Community Health & Development
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: Answer ALL questions (30 Marks)

1. Write short notes on the following contributors to Environment (6 mks)
 - I. Physical
 - II. Biological
 - III. Chemical
 - IV. Socio-economic
2. Describe 3 major roles of Environment Health Officers in Kenya (4.5 mks)
3. Mention Four Main sources of green house gases (4 mks)
4. State and explain key functions of Environmental health services in Kenya and its associated activities (6 mks)
5. Explain the term sanitary inspection and Highlight 4 main steps in Sanitary inspections (6 mks)
6. Explain 3 factors that determine the severity of a pollutant (4.5 mks)

Section B: Answer any TWO Questions (40 Marks)

- 1) a) Distinguish between toxin and toxicokinetics (4 mks)
b) Describe the dose-response relationship (16mks)
- 2) Discuss various forms of Environmental pollution ,health effects ,problems and Control measures (20 mks)
- 3) a)State 4 reasons why Environmental Impact Assessment is undertaken in Kenya (4 mks)
b) Explain the guiding principles for Environmental Impact Assessment (16 mks)
- 4) Discuss factors which influence Environmental health Practice in Kenya (20 mks)