

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
BUSIA LEARNING CENTRE
SCHOOL OF HEALTH SCIENCES – BSc. Community Health & Development
1st YEAR 2ND SEMESTER EXAMINATION (May – July, 2013)
COURSE CODE: HCD 3213

TITLE: ENVIRONMENTAL HEALTH

DATE:

TIME:

DURATION: 2 hours

INSTRUCTIONS

Section A: Answer ALL Questions (Total 30 marks)

1. Define the following terms
 - a) Environmental toxicology (2 marks)
 - b) Environmental health (2 marks)
 - c) Environmental impact assessment (2 marks)
2. What is the difference between the following in environmental health;
 - a) Half life and disappearance rate (3 marks)
 - b) Breakdown and Metabolism (3 marks)
 - c) Risks and hazards (3 marks)
3. Write short notes on the following;
 - a) Photochemical oxidants (3 marks)
 - b) Organics (3 marks)
 - c) Inorganics (3 marks)

Section B (40 marks) Answer any two questions

1. Discuss how environmental factors affect man's health in the following categories; organic, biological and socio-cultural context (20 marks)
2. Discuss air pollution focusing on the following areas; sulphur oxide; nitrogen oxide; carbon monoxide and particulates (20 marks)
3. Discuss the types of water pollution (20 marks)
4. State the principles of toxic waste management (20 marks)