

**BONDO UNIVERSITY COLLEGE**  
**BUSIA LEARNING CENTRE**  
**SCHOOL OF HEALTH SCIENCES**  
**2<sup>ND</sup> YEAR 1<sup>ST</sup> SEMESTER EXAMINATION (SEPT – DEC., 2012)**  
**COURSE CODE: HCD 3215**

**TITLE:** Environmental Health

**DATE: TIME:**

**DURATION: 2 hours**

**INSTRUCTIONS**

**Section A: Answer ALL Questions (Total 30 marks)**

1. Define the following terms ( 3 marks)
  - i) Environment
  - ii) Health
  - iii) Environmental Health
2. Why does Environmental Health Matters ( 3 marks)
3. State what the World commission on Environmental Health and Developments was all about ( 3 marks)
4. What is the relationship between dose and effects ( 3 marks)
5. What is the difference between viable particulates and non – viable particulates (3 marks)
6. Describe the difference between thermal pollution and salination ( 3 marks)
7. Define the following terminologies ( 3 marks)
  - i) Acaricides
  - ii) Herbicides
  - iii) Photochemical oxidants
8. Describe the principle of toxic waste management ( 3 marks)
9. What is the difference between half life and disappearance rate (3 marks)
10. State any three roles of the Public Health Act Cap 242 ( 3 marks)

**Section B: Answer any TWO Questions (Total 20 marks each)**

1. Select a proposed project of your choice where you work/live and state the steps you would use in conducting an environmental impact assessment (20 marks)
2. Describe the methodologies you would use to carry out an environmental impact assessment (20 marks)
3. Discuss pollution under the following;
  - Air pollution (5 marks)
  - Water pollution (5 marks)
  - Industrial pollution and agricultural pollution (5 marks)
  - Noise pollution (5 marks)
4. Describe the routes of exposure and accumulation in organism in human and environment ( 20 marks)