



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

**FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)**

ECD 400: ENVIRONMENTAL IMPACT ASSESSMENT AND AUDITING

DATE: Monday, 22nd November, 2010

TIME: 8.00 a.m. – 10.00 a.m.

INSTRUCTIONS:

Answer question **ONE** and any other **TWO**.

1. Assuming you have been hired as an Environmental Expert to conduct Environmental Impact Assessment (EIA) for a proposed university health centre:
 - a) Discuss five (5) main negative impacts of the proposed project.
(10 marks)
 - b) Suggest at least five (5) mitigation measures for the impacts on (a) above.
(10 marks)
 - c) Discuss the importance of Consultation and Public Participation (CPP) during Environmental Impact Assessment (EIA) process? (10 marks)
2.
 - i) Discuss the role of Initial Environmental Audit (EA) in a Base Transceiver Station (BTS)? (10 marks)
 - ii) Briefly describe relevant statutes that must be reviewed during the audit process of a Base Transceiver Station (BTS) (10 marks)

3. Identify and discuss mitigations of at **five (5)** possible Environmental Health and Safety issues during an Initial Environmental Audit process of a chemical processing factory in Industrial area? (20 marks)
4. a) What do you understand by the concept of Environmental Management System (EMS) in an organization? (5 marks)
- b) Discuss briefly Environmental Management System (EMS) certification and accreditation? (5 marks)
- c) Discuss the importance of Environmental policy in an organization (10 marks)
5. Using examples where appropriate, discuss problems Kenya has faced in attempt to institutionalize Environmental Impact Assessment (EIA) and give some possible solutions to these problem? (20 marks)