

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY  
UNIVERSITY EXAMINATIONS 2017/2018**

**FOURTH YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF  
BACHELOR OF SCIENCE IN LAND RESOURCES**

**ALP 2412: ENVIRONMENTAL IMPACT ASSESSMENT AND ENV'TAL AUDIT**

**DATE:** \_\_\_\_\_

**TIME: 2 HOURS**

**INSTRUCTIONS:**

**Answer Question ONE and ANY other TWO questions.**

- 1 (a) Discuss the main functions of EIA of a proposed development project. (6 marks)**  
**(b) Briefly discuss the main steps that should be followed in an EIA process. (6 marks)**  
**(c) Discuss the benefits and challenges of undertaking an EIA/EA process. (6 marks)**  
**(d) Briefly discuss the main elements of mitigation in the EIA process. (6 marks)**  
**(e) Discuss the main steps that are used to carry out an environmental audit of a project. (6 marks)**
- 2 (a) Discuss the various sources of air pollution. (6 marks)**  
**(b) Briefly discuss agricultural waste as a source of water pollution. (6 marks)**  
**(c) Discuss various social impacts that can be experienced during the construction phase of a development project. (8 marks)**
- 3. (a) Discuss various techniques used to involve public participation for a project. (6 marks)**  
**(b) Outline the possible roles of various stakeholders in an EIA process. (6 marks)**  
**(c) Discuss features that should be included in the main text of an EIA report. (8 marks)**
- 4. (a) Discuss the legal implications of carrying out an EIA/EA process. (6 marks)**  
**(b) Discuss the main objectives of carrying out an environmental audit and indicate various types of audit tools available for such a task. (6 marks)**  
**(c) Discuss the various features that should be included in an EA report. (8 marks)**
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