



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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MAIN EXAMINATION

JANUARY – APRIL 2017 TRIMESTER

FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

EVENING PROGRAMME

MPM 509: ENVIRONMENTAL IMPACT ASSESSMENT (E.I.A)

Date: APRIL 2017

Duration: 3 Hours

INSTRUCTIONS: Answer ANY FOUR Questions

- Q1. Discuss the role of consultation and public/stakeholder participation in an E.I.A process and state at what stages the public is involved/ consulted. **(15Marks)**
- Q2. Discuss the concept of Environmental Risk Assessment (E.R.A) and Environmental Risk Management then further discuss the steps followed in ensuring that the whole process is achieved during project implementation. **(15 Marks)**
- Q3. a) It has been suggested that pollution of air and water is an urban problem, and that since most of Kenya is rural, there is no need of comprehensive laws on pollution. Do you agree with this statement? Discuss your reasons with relevant examples. **(8 Marks)**
- Q4. Define the term 'sustainable development' and its components then further discuss how the concept can be enforced by the law and how E.I.A fits in this concept. **(15 Marks)**
- Q5. a) Discuss the impact of the 'greenhouse effect' on the future development of the coastal towns of East Africa and further discuss how the problem can be mitigated **(8Marks)**
- b) Suggest ways in which the developing nations may use the wealth gained from their natural resources to contribute to worldwide environmental conservation. **(7 Marks)**

Q6. An Investor wants to put up an Industrial Plant for the manufacture of paper and its derivatives for both local and external market. The Investor intends to establish the paper manufacturing mill in relatively wet and forested upper parts of Laikipia District in the slopes of Mt. Kenya. In view of the socio-economic and bio-physical environmental implications that may result due to the proposal, there has been public debate particularly on the loss of habitat/biodiversity and competition for scarce water resources in the region. Assuming your consultancy firm has won a contract to undertake Environmental Impact Assessment (EIA) study on this proposed project:

a) Discuss the logical steps in the E.I.A process that your study team is likely to follow in order to achieve the task assigned to you. **(10 Marks)**

b) State at least FIVE issues which should form the scope of the E.I.A study. **(5 Marks)**

END