



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

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SEPT- DEC TRIMESTER

FACULTY OF ARTS & SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCE & DEVELOPMENT STUDIES

MPM 509: ENVIRONMENTAL IMPACT ASSESSMENT & AUDIT

Date: DECEMBER 2020

Duration: 2 Hours

INSTRUCTIONS: Answer any Four Questions

Q1. A diamond mining factory is proposed to be set up in Naivasha in the Rift Valley and you have been appointed to lead a team to conduct an EIA study for the proposed project:

- (a) List the key stakeholders who would be consulted when conducting the EIA for the proposed project (5mks)
- (b) Briefly discuss some of the critical impacts that would be associated with the proposed project in (a) above (5mks)
- (c) Generate a suitable impact management plan to mitigate the impacts emanating from the implementation of the project. (5mks)

Q2. a) What is environmental auditing? (5 marks)

b) Discuss five basic factors that influence environmental auditing. (10mks)

Q2. Q1. About 15 months ago, the government of Kenya identified an international strategic investor in the sugar sector. The investor intends to establish a sugar processing mill in the Tana River Delta Coast province. Apart from the sugar mill, the investor will also provide infrastructure and social amenities in the Tana River Delta Region. In view of the socio-economic and environmental implications that may result due to the proposal, there has been public debate particularly on biodiversity loss and the livelihoods of the pastoral community in the region, who apparently form the majority of the population. Assuming that you are part of the

EIA team of experts appointed to conduct an Environmental Impact Assessment for this proposed project:

- a) Discuss the logical steps in the EIA process that your study team is likely to follow in order to achieve the task assigned to you. Justify the formation of the Interdisciplinary Team for this study. (8mks)
- b) State factors you may consider in order to determine the significance of environmental impact of the proposed project. (7mks)

Q4. Explain your understanding of the term 'sustainable development' and show its relevance in Project Planning and Management (15mks)

Q5. Discuss how increase in population affects the earth's environment (15mks)

Q6.

- (a) What human right does Environmental Management and Coordination Act of 1999 confer in respect to Environment? (2 Marks)
- (b) Section 13 of Environmental Management and Coordination Act (1999) is essential for enforcing the provisions of the Act as it defines Environmental offences and the penalties in respect of such offences. In view of this, state environmental offences relating to:
 - (i) Environmental Impact Assessment (3 Marks)
 - (ii) Records (3 Marks)
 - (iii) Environmental Inspection (3 Marks)
- (c) State the principles of Sustainable Development that usually guide the High Court in determining and resolving the Environmental Disputes associated with Project Development. (4 Marks)

END