



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

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AUGUST – DECEMBER 2016 TRIMESTER

FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF DEVELOPMENT STUDIES

REGULAR PROGRAMME

MDS 509: ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

Date: DECEMBER 2016

Duration: 3 Hours

INSTRUCTIONS: Answer ANY FOUR Questions

- Q1. What are the particular sustainable development challenges and opportunities that face your country? What are the promising strategies that can promote sustainable development? **(15marks)**
- Q2. i) Explain why is climate a common good? **(2marks)**
ii) What are the likely causes and effects of climate change and how can local stakeholders respond to the challenge of climate change? Illustrate with examples. **(13marks)**
- Q3. Outline the main themes, significance and implementation of the 2015 Sustainable development goals. **(15marks)**
- Q4. i) Discuss the mechanism and weakness of the triple bottom line as an indicator of sustainability. **(4marks)**
ii) How is an Environmental audit conducted and what are its benefits for sustainable development in Africa. **(11marks)**
- Q5. What design and planning considerations would you as a development practitioner consider in establishing a smart city? **(15marks)**
- Q6. i) Why do we bother about the environment? **(4marks)**

- ii) Why is governance an important element of sustainable development?
Discuss the critical governance indicators for sustainable development?

(11marks)

END