



EMBU UNIVERSITY COLLEGE

(A CONSTITUENT COLLEGE OF THE UNIVERSITY OF NAIROBI)

TRIMESTER EXAMINATION 2013/2014

**SECOND YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
IN MANAGEMENT OF AGROECOSYSTEMS AND ENVIRONMENT AND BACHELOR
OF SCIENCE IN WATER RESOURCES MANAGEMENT**

AEM 206: ENVIRONMENTAL POLICY AND LAW

DATE: AUGUST 13, 2014

TIME: 8.30 – 10.30AM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE

- a) Explain the two kinds of sources of pollution to the environment and how they are managed
(4 marks)
- b) i.) Explain the term Hazardous chemicals and substances
(1 mark)
- ii.) State the laws that govern hazardous chemicals and substances
(4 marks)
- c) Explain the term sustainable environmental management
(5 marks)
- d) Outline the policy guidelines protecting genetic resources and biological diversity in Kenya
(5 marks)
- e) Explain the policies supporting public participation in conservation of environmental resources
(6 marks)
- f) Explain the various threats to environmental integrity
(5 marks)

QUESTION TWO

- a) Explain the functions of Environmental Management Co-ordination Act (EMCA) (5 marks)
- b) Discuss the functions of the following Institutions of EMCA (15 marks)
- i.) The National Environmental Management Authority (NEMA)
 - ii.) Public Complaints Committee (PCC)
 - iii.) Standards and Enforcement Review Committee (SERC)

QUESTION THREE

Discuss ten guiding principles of the environmental policy (20 marks)

QUESTION FOUR

- a) Discuss briefly the following environmental challenges and issues as addressed in environmental policy (2013) (12 marks)
- i.) Environmental governance
 - ii.) Loss of biodiversity
 - iii.) Valuation of environmental and natural resources
 - iv.) Climate change, energy, security and disaster management
- b) Analyze the various goods and services provided by ecosystems (8 marks)

QUESTION FIVE

- a) Discuss the coastal marine ecosystems as a source of goods and services and environmental challenges it is facing today (10 marks)
- b) Explain the government policies intended to curb the stated environmental issues (10 marks)

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