UNIVERSITY OF EMBU

2016/2017 ACADEMIC YEAR

SECOND SEMESTER EXAMINATION

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

AEM 206: ENVIRONMENTAL POLICY AND LAW

DATE: APRIL 7, 2017   TIME:2:00-4:00PM

INSTRUCTIONS:

Answer Question ONE and ANY other TWO Questions

QUESTION ONE

a) Describe two sources of environmental pollution   (2 Marks)

b) Explain how the sources of pollution in (a) above can be managed   (2 Marks)

c) Explain the term hazardous chemicals and substances   (1 Mark)

d) State the laws that govern hazardous chemicals and substances   (4 Marks)

e) Explain sustainable environmental management   (5 Marks)

f) Outline the policy guidelines protecting genetic resources and biological diversity in Kenya

(5 Marks)

g) Explain policies supporting public participation in conservation of environmental resources

(6 Marks)

h) 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

QUESTION THREE

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

QUESTION FOUR

a) Discuss the following environmental challenges and issues as addressed in the 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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