

**W1-2-60-1-6**

## JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

**UNIVERSITY EXAMINATIONS 2018/2019**

**EXAMINATIONS FOR THE DEGREE OF BACHELOR OF COMMUNITY DEVELOPMENT**

**HDS 2321: ENVIRONMENTAL PLANNING AND MANAGEMENT**

**DATE: AUGUST 2019 TIME: 3 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

QUESTION ONE (30 MARKS)

a) Briefly explain the meaning of the following terms:

i) Environmental management (2 marks)

ii) Environmental Ethics (2 marks)

iii) Environmental Audit (2 marks)

iv) Environmental Governance (2 marks)

v) Ecosystem (2 marks)

b) Discuss the concept of sustainable development (7 marks)

c) Distinguish between the following concepts conservation and preservation (6 marks)

d) Explain the significance of environmental management in development (7 marks)

QUESTION TWO (20 MARKS)

a) Examine four major global environmental problems emerging in the 21st century and suggest

mitigation measures (10 marks)

b) Giving examples from Africa, discuss any five environmental challenges and propose solutions to these challenges (10 marks)

QUESTION THREE (20 MARKS)

a) Explain the causes of industrial pollution in Africa (10 marks)

b) Elaborate on the effects of Industrial activities on the environment (10 marks)

QUESTION FOUR (20 MARKS)

a) What is environmental ethics (2 marks)

b) What is the role of ethics in environmental management (6 marks)

c) Explain Eco-centrism in the context of environmental ethics (6 marks)

d) Discuss the notion of Anthropocentrism in the context of environmental ethics (6 marks)

QUESTION FIVE (20 MARKS)

a) Distinguish between an environmental treaty and a protocol (4 marks)

b) Explain three functions of Global Environmental Organizations (8 marks)

c) Discuss any three internationally accepted environmental principles (8 marks)