KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

EED 528: ENVIRONMENTAL EDUCATION IN CLIMATE CHANGE

DATE: Monday 29th November, 2010 **TIME**: 2.00 p.m. – 5.00 p.m.

INSTRUCTIONS

Answer Question one and any other four (4).

1. a) Trace the development of environmental education and justify its need. [6 marks]

   b) Explain how climate change issues can be addressed through environmental education. [6 marks]

   c) How can indigenous knowledge be harnessed to mitigate climate change impacts? [6 marks]

   d) What is the relationship between coral bleaching and climate change? [6 marks]

   e) Briefly explain the concept of global warming and its consequences. [6 marks]

   [Total 30 marks]

2. Discuss the impacts of climate change on livelihoods and food security among named pastoralist communities in Kenya. [10 marks]

3. Explain how trade unions and agricultural cooperative societies can be used to enhance environmental awareness and mitigation against climate change. [10 marks]

4. "Disease vectors and pathogens can increase emergent disease problems". Discuss this statement in relation to climate change and human health. [10 marks]

5. Explain how Environmental Education can help to harness economic benefits from Carbon Trace, REDD, and Clean Development Mechanism (CDM). [10 marks]

6. One of the Education and Training targets of the Social Pillar of Kenya's Vision 2030 is to increase Net Primary School Enrollment rate to 95%. Discuss how climate change can affect the attainment of that target. [10 marks]

7. State five communication strategies in Public Environmental Education and explain how they can be used to communicate climate change issues. [10 marks]

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