



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2013/2014

**THIRD YEAR FIRST SEMESTER EXAMINATIONS FOR THE DEGREE
OF BACHELOR OF SCIENCE IN CLIMATE CHANGE AND
DEVELOPMENT WITH INFORMATION TECHNOLOGY
(MAIN CAMPUS)**

NCA 302: GLOBAL RESPONSE TO CLIMATE CHANGE

Date: 7th April, 2014

Time: 2.45 – 5.00pm

INSTRUCTIONS:

- Answer QUESTION ONE and ANY OTHER TWO questions.
- Question one carries 30 marks while the rest carry 20 marks each.
- Illustrate your answers where necessary.
- Must write legibly.



NCA 302: GLOBAL RESPONSES TO CLIMATE CHANGE

- Q1. a) Explain the following terms in relation to climate change:
- i. Greenhouse Effect (3 marks)
 - ii. Vulnerability (3 marks)
 - iii. Conference of the Parties (COP) (3 marks)
 - iv. Climate Finance (3 marks)
- b) 'Evidence for rapid climate change is compelling'. Discuss. (18 marks)
- Q2. a) State the objectives of the United Nations Alliance on Climate Change Education, Training and Public Awareness. (6 marks)
- b) Explain the role of the United Nations Framework Convention on Climate Change (UNFCCC) within the Alliance. (14 marks)
- Q3. a) Differentiate between "mitigation" and "adaptation" as strategies for climate change, giving a real world example of each. (6 marks)
- b) Discuss the Global adaptation strategies to climate change. (14 marks)
- Q4. a) What is Kyoto Protocol? (5 marks)
- b) Briefly examine the three mechanisms under the Kyoto Protocol. (15 marks)
- Q5. 'Participation of states in international agreements (climate change agreements) can vary from very modest to extensive'. Discuss. (20 marks)
- Q6. Discuss the history of the scientific discovery of climate change. (20 marks)