



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

**FOURTH YEAR FIRST SEMESTER EXAMINATION FOR
DEGREE OF BACHELOR OF SCIENCE IN CLIMATE CHANGE
AND DEVELOPMENT WITH INFORMATION TECHNOLOGY**

MAIN CAMPUS

NCA 401: ADAPTATION TO CLIMATE CHANGE

Date: 3rd December, 2016

Time: 8.30 - 11.30am

INSTRUCTIONS:

- Answer Question ONE and any other TWO questions.
- Sketch maps and diagrams should be used where appropriate

Q1.

- A. Compare climate change Mitigation and Adaptation (10 marks)
- B. Discuss the general objectives of adaptation to Climate change
(10 marks)
- C. Explain the different forms of Climate change Adaptation (10marks)

Q.2

- A. Discuss the four phases of community based adaptation (CBA) (10marks)
- B .Explain the benefits of participatory tools in Community based adaptation
(10marks)

Q3. Giving examples explains the concept of maladaptation in Climate change
(20marks)

Q4.

- A. Explain indigenous knowledge systems. (8 marks)
- B. Using examples outline indigenous adaptation options in Africa
(12marks)

Q5. Discuss the gendered impact of climate change (20marks)

Q6. Discuss any **FOUR** financing mechanisms available to the least developed countries (LDCs) for implementing their agent and immediate adaptation needs identified in the National Adaptation Programmes of Action (NAPAs) (20marks)