



## **MASENO UNIVERSITY**

### **UNIVERSITY EXAMINATIONS 2015/2016**

**SECOND YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE  
OF BACHELOR OF ARTS IN DISASTER MANAGEMENT WITH  
INFORMATION TECHNOLOGY**

### **CITY CAMPUS - REGULAR**

**PDM 211: CLIMATE CHANGE OBSERVATION AND ASSESSMENT**

Date: 3<sup>rd</sup> December, 2015

Time: 9.00 - 11.00 am

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#### **INSTRUCTIONS:**

- Answer question ONE and any other TWO questions.



**PDM 211: CLIMATE CHANGE OBSERVATION AND ASSESSMENT**

**INSTRUCTIONS: Answer Question 1 and any other TWO questions**

1. a) Distinguish the terms climate and weather(6marks)
- b) Define the concept of climate change and outline the components of this change.  
(12 marks)
- c) Discuss the projections for climate change that have been made for the future.(12 marks)
2. Discuss the indices of climate change .(20 marks)
- 3.(a) Differentiate between homogenous and inhomogenous time series.(6marks)
- (b) Discuss the causes of inhomogenous time series. (14 marks)
4. Discuss the concept of climate data management systems. (20marks)
5. Discuss the concept of climate data sets.(20 marks)
6. Discuss the products and services offered by the World Meteorological Organization (WMO)(20 marks)