



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2013/2014

**FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF ARTS IN DISASTER MANAGEMENT
WITH INFORMATION TECHNOLOGY
(CITY CAMPUS - DAY)**

PDM 121: DISASTER VULNERABILITY ASSESSMENT

Date: 14th July, 2014

Time: 2.00 - 4.00 p.m.

INSTRUCTIONS:

- **Answer Question ONE (COMPULSORY) and any other TWO questions.**

PDM 121: Disaster Vulnerability Assessment

Answer question ONE and any other TWO

1. Describe how to apply 'The Community Risk Profile tool' in doing a vulnerability Assessment for any **two** of the following disasters; (30 Marks)
 - a) Floods
 - b) Landslides
 - c) Earthquakes
 - d) Wildfires

2. Briefly explain any **three** of the following concepts in relation to Disaster Vulnerability Assessment (20 Marks)
 - a) Vulnerability Analysis
 - b) Risk Assessment
 - c) Cyclones
 - d) Potential Domino Effect

3. Discuss the various dimensions of hazard consequences and how they relate to Disaster Vulnerability Assessments (20 Marks)

4. Discuss how one would go about identifying and mapping major elements at risk to aid Disaster Vulnerability Assessments(20 Marks)

5. Discuss four methodological approaches that can be used to measure tangible losses in Vulnerability Assessments(20 Marks)

6. Discuss the main criteria 'The Community Risk Profile tool' uses in Vulnerability Assessments (20 Marks)