



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

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

CITY CAMPUS

PDM 121: DISASTER VULNERABILITY ASSESSMENT

Date: 18th April, 2016

Time: 2.00 - 4.00pm

INSTRUCTIONS:

- **Answer Question ONE and any other TWO Questions.**

1) a. Explain TWO types of vulnerability (5marks)

b. Discuss the factors that increase the vulnerability to disasters (10marks)

c. Write short notes on the following:

i. Disaster risk reduction

ii. Risk assessment

iii. Hazard analysis

(15marks)

2) Discuss the progression of vulnerability as described in the Pressure model

(20marks)

3) Discuss the vulnerability assessment process.

(20marks)

4) Citing relevant examples, discuss TWO quantitative and TWO qualitative methods that a disaster manager can use in determining vulnerability.

(20marks)

5) Discuss any four indicators of vulnerability.

(20marks)

6) Describe the basic tasks that a disaster manager can put in consideration during hazard analysis .

(20 marks)