



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE WITH INFORMATION TECHNOLOGY

MAIN CAMPUS

NES 404: DISASTER MANAGEMENT

Date: 15th February, 2018

Time: 3.30 - 6.30pm

INSTRUCTIONS:

- Answer Question ONE and any other THREE.



1. (a) "Disastrous events will always take place despite several measures in place to mitigate them". Discuss. (15marks)

(b) Discuss factors that influence the determination of risk acceptability. (10marks)

2. (a) Discuss human attributes that define how different people assess risk and determine vulnerability. (9marks)

(b) How does corruption increase vulnerability? (6marks)

3. (a) Drought is a disaster. Discuss (10marks)

(b) Outline the challenges that are experienced when implementing a drought mitigation plan. (5marks)

4. Describe the major requirement needed for effective disaster response. (15marks)

5. Describe structural and non – structural types of mitigation. (15marks)

6. Discuss START tagging as applied in disaster emergency assessment. (15marks)