

CHUKA



UNIVERSITY

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**EXAMINATION FOR THE AWARD
OF BACHELOR OF SCIENCE DEGREE IN ENVIRONMENTAL SCIENCE**

ENSC 452: DISASTER MANAGEMENT

STREAMS: BSC. ENSC

TIME: 2 HOURS

DAY/DATE: TUESDAY 21/09/2021

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- *Answer all question in section A and any other TWO in section B*
- *Do not write anything on the question paper*

SECTION A (30 MARKS)

1. Explain any two approach of identifying secondary hazards. (6 marks)
2. Briefly explain any three passive mitigation measures. (6 marks)
3. Explain two categories of losses and indicate 'the consequence 'aspect of risk. (6 marks)
4. Briefly explain the role of any three government agencies in disaster preparedness. (6 marks)
5. Explain any three components of disaster recovery. (6 marks)

SECTION B (40 MARKS)

6. A tornado has hit an area with a dense human settlement pattern. Explain any five response activities that can be undertaken immediately after the disaster. (20 marks)
7. Discuss any five factors that can affect the speed of recovery from a disaster. (20 marks)
8. Explain 'warning' and 'response' as aspects of disaster preparedness. (20 marks)

