

**RESIT/SPECIAL EXAMINATION**

**CHUKA**



**UNIVERSITY**

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

**ENSC 452: DISASTER MANAGEMENT**

**STREAMS: BSC ENSC Y4S2**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 01/11/2021**

**11.30 A.M – 1.30 P.M**

**INSTRUCTIONS:**

- **Answer all questions in section A and any two in Section B**
- **Do not write on the question paper**

**SECTION A (30 MARKS)**

1. Explain any three goals of a well-planned public education process. (6 marks)
2. Briefly explain any three structural mitigation measures (6 marks)
3. Outline any six types of information found in a risk statement. (6 marks)
4. Explain the three phases of an emergency. (6 marks)
5. Donations can become a secondary disaster. Briefly explain. (6 marks)

**SECTION B (40 MARKS)**

6. A flood has hit a region causing massive damage to agricultural lands, settlement areas and infrastructure. Explain any five recovery activities that can be undertaken after the disaster. (20 marks)
7. Discuss any five ways of hazard identification. (20 marks)
8. Explain any five factors that require to be considered with regard to water provision in disaster situations. (20 marks)

