

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**SECOND YEAR EXAMINATION FOR THE AWARD OF DIPLOMA IN  
COMMUNITY DEVELOPMENT**

**CDEV 0141: PRINCIPLES OF DISASTER MANAGEMENT**

**STREAMS: CDEV Y1S2**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 06/08/2019**

**2.30 P.M. – 4.30 P.M.**

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**INSTRUCTIONS:**

- Answer question ONE and other TWO
- Do not write anything on the question paper

**QUESTION ONE**

- (a) Explain the meaning of the following terms in regard to disaster management. (8 marks)
- (i) Disaster
  - (ii) Hazard
  - (iii) Risk
  - (iv) Vulnerability
- (b) Explain the concept of disaster management. (3 marks)
- (c) Explain any FOUR principles of sustainable development. (5 marks)
- (d) Explain any FOUR characteristics of disaster. (6 marks)
- (e) Explain FOUR approaches that could be employed in public education for disaster risk reduction. (8 marks)

**QUESTION TWO**

- (a) Explain any FOUR types of natural disasters. (8 marks)
- (b) Discuss the mitigation strategies for the natural disasters explained in (2a above). (12 marks)

**QUESTION THREE**

Discuss the phases in disaster preparedness and management. (20 marks)

**QUESTION FOUR**

Discuss the SMUG model in hazard prioritization. (20 marks)

**QUESTION FIVE**

- (a) Explain any FIVE ethical principles on disaster risk reduction and people's resilience. (10 marks)
  - (b) Discuss the role of government and non-governmental organizations in disaster management. (10 marks)
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