

**UNIVERSITY EXAMINATION**

**CHUKA**



**UNIVERSITY**

**RESIT/SPECIAL EXAMINATION**

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

**CDEV 0141: PRINCIPLES OF DISASTER MANAGEMENT**

**STREAMS:**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 02/11/2021**

**11.30 A.M – 1.30 P.M**

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**INSTRUCTIONS:**

**QUESTION 1**

- a) List four advantages of community based action plan. (4marks)
- b) Discuss the challenges of using remote sensing in disaster management. (10 marks)
- c) i) Discuss the challenges facing Kenya Disaster management systems. (8 marks)
- ii) Suggest solutions to the above challenges. (8 marks)

**SECTION B**

**QUESTION 2**

- a. Define disaster mitigation? (2marks)
- b. Identify and describe two natural disasters and two man-made disasters which you are familiar with? (8marks)
- c. With the help of a diagram, explain the disaster management cycle. (10marks)

**QUESTION 3**

- a. Define emergency management system ( 2marks)
- b. Describe the adverse impact of famine in the country (4marks)
- c. Give two reasons for evacuation in the event of a disaster occurrence ( 4marks)
- d. Describe the roles and responsibilities of disaster managers and community workers in education and public awareness (10marks)

**QUESTION 4**

- a). State one particular use of GIS application ( 2marks)
- b). List four challenges faced in using GIS application in disaster management (4marks)
- c). Discuss the positive and negative effects of the media in disaster management ( 8marks)
- d. List two major types of mass media giving two examples of each (6marks)

**QUESTION 5**

- a). State one particular use of GPS application (2marks)
  - b). Briefly explain four disaster scenarios in which remote sensing can be applied to ( 8marks)
  - c). List three challenges of using remote sensing in disaster management (3marks)
  - d). State five disadvantages of community based approach to disaster management (5marks)
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