

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

CHUKA / EMBU

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

CDEV 0141 : PRINCIPLES OF DISASTER MANAGEMENT

STREAMS:

TIME: 2

HOURS

DAY/DATE: WEDNESDAY 31/3/2021

2.30 PM – 4.30 PM

INSTRUCTIONS:

- Answer Question One (Compulsory) and any other Two Questions
- Do not write on the question paper

QUESTION ONE (30 MARKS)

- 1.a. Define the following terms [6 Marks]
- (i) Hazard
 - (ii) Vulnerability
 - (iii) Risk
- b. Differentiate between an emergency and disaster situation? [4 Marks]
- c. Discuss the importance of education and public awareness at community level in disaster management. [8 Marks]
- d. List the three major components of community based action plan. [3 Marks]
- e. List four advantages of community based action plan. [4 Marks]

- f. What are the four levels of input needed for disaster preparedness. [4 Marks]
- g. List one practical thing that you would do to secure a house against the threat of floods. [1 Mark]

SECTION B

QUESTION TWO

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

QUESTION THREE

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

QUESTION FOUR

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

QUESTION FIVE

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