

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FIRST YEAREXAMINATION FOR THE AWARD OF DIPLOMA IN

DIMA 0113: DISASTER THEORIES

STREAMS: DIMA

TIME: 2 HOURS

DAY/DATE: WEDNESDAY06/12/2017

8.30 A.M. – 10.30 P.M.

**INSTRUCTIONS:**

- **Question ONE is compulsory. Then answer any other two questions in section B**

- Q1. (a) Define the following terms
- (i) Hazard
  - (ii) Vulnerability
  - (iii) Disaster
  - (iv) Disaster risk
  - (v) Theory [10 marks]
- (b) Write brief notes on
- (i) Disaster mitigation
  - (ii) Disaster preparedness [10 marks]
- Q2. Describe the disaster Crunch Model and explain the progressive vulnerability to HIV and AIDS. [20 marks]
- Q3. Write brief notes on
- (a) Ecological theory in disaster management [10 marks]
  - (b) Contingency theories in disaster management [10 marks]
- Q4. (a) Explain the principles of Chaos Theory. [10 marks]
- (c) Discuss the relevance of the Pure Chance Theory in management. [10 marks]
- Q5. (a) Discuss the strengths and weaknesses of systems theory. [6 marks]
- (b) Describe how disaster risk can be reduced using the Pressure Release Model. [14 marks]