

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
COMMUNITY DEVELOPMENT**

DIMA 0122: RISK AWARENESS AND ASSESSMENT

STREAMS: DIMA

TIME: 2 HOURS

DAY/DATE: FRIDAY 17/04/2020

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Answer question ONE and two questions in section B**

1. (a) Define the following terms as used in disaster management. (10 marks)
 - (i) Risk
 - (ii) Risk perception
 - (iii) Hazard
 - (iv) Capacity
 - (v) Vulnerability
- (b) Describe the two techniques used in hazard mapping. (10 marks)
- (c) Describe the relationship between hazard, risk, vulnerability and disaster. (5 marks)
- (d) Explain the term risk identification. (5 marks)

SECTION B

2. Discuss the factors contributing to vulnerability. (20 marks)
3. (a) Define risk assessment (4 marks)
 - (b) Describe the steps in risk assessment (16 marks)
4. (a) Discuss the various categories of disaster capacity. (10 marks)

- (b) Discuss various strategies that a country can design to reduce risk. (10 marks)
 - 5. (a) Giving relevant examples explain disaster response plans. (10 marks)
 - (b) Discuss various ways that can be used to build a culture of risk awareness. (10 marks)
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