

**CHUKA**



**UNIVERSITY**

## **UNIVERSITY EXAMINATIONS**

### **EXAMINATION FOR THE AWARD OF DIPLOMA IN BUSINESS ADMINISTRATION**

#### **DIMA 0121: NATURE OF DISASTERS**

**STREAMS:**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 10/04/2018**

**8.30 A.M – 10.30 A.M**

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**INSTRUCTION: Answer question one and any other two questions**

1. (a) Explain the meaning of the following terms [10marks]
  - (i) Trigger events
  - (ii) Hazard
  - (iii) Vulnerability
  - (iv) Risk
  - (v) Hazard analysis
- (b) Using your own words, explain the meaning of disaster crunch model. [10marks]
- (c) Using relevant examples explain how poverty is a cause of vulnerability to disasters. [10marks]
2. (a) Discuss the classification of hazards based on the speed of onset. [10marks]
- (b) Some hazards are caused by either or both natural and human activities. Using relevant examples. Explain. [10marks]
3. Vulnerability to various types of hazards is not homogenous across all geographical areas or within communities. Explain the various causes of vulnerability. [20marks]
4. Kenya is constantly facing droughts. You have been invited to speak to the council of governors on drought mitigation. Explain the practical drought mitigation strategies that can be put in place to reduce the impact of droughts in Kenya. [20marks]
5. Floods are excessive flow of water usually caused by heavy rainfall.

- (i) Explain **three** types of floods. [6marks]
- (ii) Discuss **five** factors that increase vulnerability to floods. [10marks]
- (iii) Outline **two** measures that can be used to manage floods. [4marks]
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