



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF HEALTH SCIENCES**  
**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELLOR OF SCIENCE**  
**IN COMMUNITY HEALTH & DEVELOPMENT/PUBLIC HEALTH**  
**FOUTH YEAR 2<sup>ND</sup> SEMESTER 2019/2020 ACADEMIC YEAR**

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**COURSE CODE: HCB: 3426**

**COURSE TITLE: DISASTER PREPAREDNESS AND MANAGEMENT**

**EXAM VENUE:**

**STREAM:**

**DATE:**

**EXAM SESSION:**

**TIME: 2 HOURS**

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**Instructions:**

1. Answer all the questions in section (A) and any other two questions in section (B)
2. Candidates are advised not to write on the question paper.
3. Candidates must hand in their answer booklets to the invigilator while in the examination room

## **SECTION (A)**

### **QUESTION 1 (Compulsory) (30 marks)**

Q 1 Explain your understanding of the following terms as used in disaster preparedness and management

- a) Disaster drill 1 mark
- b) An emergency 1 mark
- c) Risk Assessment 1 mark

Q2 Highlight three activities that may be included in disaster preparedness 3 marks

Q3 Highlight two activities for mitigating floods 2 marks

Q4 A disaster drill is a key component in disaster preparedness. Explain 5marks

(5) Highlight three uses of risk assessment information 4 marks

(6) Why are needs a priority in disaster emergency 3 marks

(7) Describe two effects of disaster on an individual 3 marks

(8) Describe vulnerability as a planning tool 4marks

(9) Differentiate between natural and technological disasters 3 marks

## **SECTION B**

**Answer any two questions (40 marks)**

Q2 (a) State and explain the key areas of community participation in resource mobilization 10 marks

(b) Describe four levels of disaster preparedness 10 marks

Q3 (a) Describe four types of vulnerability 10mks

(b) What personal survival skills does an individual require in case of a disaster 10 marks

Q4 (a) State and explain five approaches a disaster manager would use to create disaster awareness in the community? 10 marks

(b) As a disaster manager explain how you would use the activities at the search and rescue phase of an emergency operation 10 marks

5 (a) Describe the challenges humanitarian Aid Agencies face in disaster response programs? 10 marks

(b) Explain how a disaster manager would use precautionary measures to reduce the risk of floods in community

10 marks