



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 2ND SEMESTER 2019 ACADEMIC YEAR
NAMBALE /KISUMU CAMPUS

COURSE CODE: HCD: 3426

COURSE TITLE: DISASTER PREPAREDNESS AND MANAGEMENT

DATE: 12/08/2019

EXAM SESSION: 2.00 – 4.00 PM

TIME: 2 HOURS

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)

1 Define the following terms as used in disaster preparedness and management:

- a. Disaster management (1 mark)
- b. Contingency plan (1 mark)
- c. Event (1 mark)

2 Highlight two sources of risks. (2 marks)

3 State any three causes of flood disaster. (3 marks)

4 Highlight any two emergency response priorities. (2 marks)

5 Outline three roles of community in a disaster response. (3 marks)

6 State three challenges disaster response team is likely to face in the community. (3 marks)

7 Differentiate between risk assessment and needs assessment. (3 marks)

8 Describe any two positive influences of disaster on development. (2 marks)

9 State three mitigation measures for flood disaster. (3 marks)

10. Outline two importance of insurance in disaster management. (3 marks)

11 Describe two goals of disaster management. (3 marks)

SECTION (B)

Answer any two questions (40 marks)

Q1 (a) State and explain five impacts of disaster on the community. (10 marks)

(b) Discuss the importance of risk assessment programs as part of occupational health and safety management plans. (10 marks)

Q2 (a) Describe five challenges experienced by disaster teams in provision of relief assistance to disaster victims (10 marks)

(b) Explain how VCA is used in an institution as a capacity assessment diagnostic and programmatic tool (10 marks)

(10 marks)

Q3 (a) State and explain why there is low vulnerability to disaster in developed countries.

(10 marks)

(b) State the activities at the search and rescue phase of an emergency operation. (10 marks)

4 (a) List possible issues that are likely to be raised by flood victims (10 marks)

(b) State and explain why Rapid and National Assessment (RNA) is carried out in disaster management (10marks)