



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 2017/ 2018 ACADEMIC YEAR
KISUMU CAMPUS

COURSE CODE: HCD: 3426

COURSE TITLE: DISASTER PREPAREDNESS AND MANAGEMENT

EXAM VENUE: KLC

STREAM:

DATE:

EXAM SESSION:

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)

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

- (a) Hazard 1mk
- (b) Disaster management 1mk
- (c) An emergency 1mk
- (d) Community capacity 1mk

Q2 Briefly explain when Rapid National Assessment in disasters should be conducted 3mks

Q3 State three contributions of floods to environmental vulnerability 3mks

(4) Differentiate between **disaster mitigation** and **disaster preparedness** 3mks

(5) State and explain how a disaster manager would use disaster risk assessment information 3mks

(6) Explain why needs are a priority in a disaster emergency 3mks

(7) Why is disaster preparedness an important aspect in disaster management 2mks

(8) How would a disaster manager use the following to create awareness in the community?

- a) Cognizance of cultural nuances 3mks
- b) Language 3mks

(9) State three characteristics of a disaster 3mks

SECTION B

Answer any two questions (40 marks)

Q2 (a) State and explain five impacts of disaster on the community 10mks

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

Q3 (a) Discuss four encounters experienced by disaster teams in provision of relief assistance to disaster victims 10mks

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

10mks

Q4 (a) Discuss the importance of risk assessment programs as part of occupational health and safety management plans 10mks

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

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

(b) State and explain why there is low vulnerability to disaster in developed countries

10mks