



MACHAKOS UNIVERSITY

University Examinations for 2016/2017

SCHOOL OF AGRICULTURE AND NATURAL RESOURCE MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL STUDIES

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR
BACHELOR OF ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)
BACHELOR OF ENVIRONMENTAL RESOURCES CONSERVATION
BACHELOR OF ENVIRONMENTAL STUDIES

EPM 464: DISASTER PREPAREDNESS AND MANAGEMENT

DATE: 25/7/2017

TIME: 8:30 – 10:30 AM

INSTRUCTIONS

Answer question **ONE (Compulsory)** and any other **TWO** questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Define the following terms:
- i) Disaster (1 mark)
 - ii) Risk (1 mark)
 - iii) Vulnerability (1 mark)
 - iv) Hazard (1 mark)
- b) Explain TWO ways hazards can be categorised (4 marks)
- c) Differentiate between:
- i) Disaster management and disaster risk management (2 marks)
 - ii) Resilience and resistance (2 marks)
- d) Name FIVE stakeholders involved in the formulation of policy to respond to disasters (10 marks)

f) Explain FOUR stages of disaster management. (8 marks)

QUESTION TWO (20 MARKS)

Discuss FIVE principles of ethics when responding to disasters. (20 marks)

QUESTION THREE (20 MARKS)

Using examples, discuss any FIVE classifications of disasters (20 marks)

QUESTIONS FOUR (20 MARKS)

Explain TEN objectives of National Policy on Disaster Management in Kenya (20 marks)

QUESTION FIVE (20 MARKS)

Discuss FIVE theories that inform disaster management models (20 marks)