



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FOURTH YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (RESOURCES CONSERVATION)

BACHELOR OF ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)

EPM 464: DISASTER PREPAREDNESS AND MANAGEMENT

DATE: 22/1/2021

TIME: 8.30-10.30 AM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS) (COMPULSORY)

- a) Using examples, explain the difference between
- i. hazard and disaster (4 marks)
 - ii. resistance and resilience (4 marks)
- b) Explain the key objectives of the National Policy on Disaster Management in Kenya (12 marks)
- c) Discuss the role FIVE stakeholders involved in the formulation of policy to respond to disasters would play (10 marks)

QUESTION TWO (20 MARKS)

Discuss the phases of disasters and briefly explain how the stages of disaster management address each phase

QUESTION THREE (20 MARKS)

Discuss the principles of ethics observed by Kenyan authorities when responding to disasters

QUESTIONS FOUR (20 MARKS)

Discuss FIVE theories that inform disaster management models

QUESTION FIVE (20 MARKS)

Using examples, discuss FIVE classifications of natural disasters