



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FOURTH YEARSEMESTER EXAMINATION FOR

BACHELOR IN ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)

EPM 464: DISASTER PREPAREDNESS AND MANAGEMENT

DATE:

TIME:

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS) (COMPULSORY)

- a) Explain the difference between
- i. hazard and disaster (4 marks)
 - ii. resistance and resilience (4 marks)
- b) Briefly explain FOUR stages of disaster management (12 marks)
- c) Discuss the different types of natural disasters (10 marks)

QUESTION TWO (20 MARKS)

Discuss the objectives of the National Policy on Disaster Management in Kenya

QUESTION THREE (20 MARKS)

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

QUESTIONS FOUR (20 MARKS)

Discuss any FIVE dimensions of disaster preparedness and their associated activities

QUESTION FIVE (20 MARKS)

Discuss FIVE theories that inform disaster management models