



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF SPATIAL PLANNING
UNIVERSITY EXAMINATION FOR THE DIPLOMA IN DASASTER MANAGEMENT
SEMESTER 2016/2017 ACADEMIC YEAR**

CENTRE: NAIROBI CITY CAMPUS

COURSE CODE: PDM 2114

COURSE TITLE: DEVELOPMENT AND DISASTER

EXAM VENUE:

STREAM: SPATIAL PLANNING

DATE:

EXAM SESSION:

TIME: 2 HOURS

Instructions:

- 1. Answer question 1 (compulsory) and ANY other 2 questions.**
- 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.**

Q1 (a) Define the following terminologies

(i) Disaster (2 marks)

(ii) Development (2 marks)

(b) Describe the four basic themes that describe the relationship between disaster and development (8 marks)

(c) (i) State any 6 united nations dealing with disaster management giving their functions (12 marks)

(ii) State 6 challenges facing the management of disaster in Kenya (6 marks)

Q2 (a) (i) Describe 3 ways in which development can increase vulnerability to a disaster (6 marks)

(ii) Describe 3 ways in which development can reduce vulnerability to a disaster (6 marks)

(b) Explain 4 ways of increasing hazard resistance (8 marks)

Q 3(a) Explain how the disasters setback the achievement of the millennium development goals (MDGs) (10 marks)

(b) Demonstrate 5 extended economic benefits that arises when disaster risk reduction activity occurs (10 marks)

Q4 (a) Differentiate between vulnerability and disaster (4 marks)

(b) (i) List any 4 Non-governmental organizations that help in the management of disasters at global levels (4 marks)

(ii) Describe the phases of disaster management (12 marks)

Q5. (a) Explain how the following human action increases vulnerability to disasters.

(i) Improper resource management (2 marks)

(ii) Urbanization (2 marks)

(iii) Rural/urban connections (2 marks)

(b) What are the ways in which the Kenyan government can help in disaster preparedness?

(6 marks)

(c) Explain ways in which disaster managers can ensure awareness and education at different places in Kenya

(8 marks)