

The Co-operative University of Kenya

END OF SEMESTER EXAMINATION DECEMBER-2018

**EXAMINATION FOR THE DEGREE OF BACHELOR OF OF DISASTER
MANAGEMENT AND SUSTAINABLE DEVELOPMENT**

UNIT CODE: CODM 2201

UNIT TITLE: NATURAL AND HUMANMANDE DISATERS

DATE:

TIME:

INSTRUCTIONS:

- Answer question **ONE (compulsory)** and any other **TWO** questions

QUESTION ONE

- (a) With use of examples, differentiate between the following terms;
- Sudden and slow onset disasters (4 marks)
 - Human made and natural disasters (4 marks)
 - Disaster and Hazard (4 marks)
 - Risk and vulnerability (4 marks)
- (b) Describe the disaster cycle citing the major distinctions between slow onset and sudden onset disasters (9 marks)
- (c) Explain the factors affecting human vulnerability to disaster (6 marks)

QUESTION TWO

- (a) Discuss the factors contributing to drought severity (10 marks)
- (b) Discuss the preparedness and response measures for drought hazard

QUESTION THREE

- (a) Define the term early warning (2 marks)
- (b) Discuss the components of early warning (8 marks)
- (c) Discuss some of the methods you would use to disseminate early warning to the community in a flood prone area (10 marks)

QUESTION FOUR

- (a) Define and distinguish different type of floods (3 marks)
- (b) Discuss the methods of flood assessment and mapping (9 marks)
- (c) Identify some of the economic and social impacts of floods (8 marks)

QUESTION FIVE

- (a) Explain the components of a disaster preparedness plan (20 marks)