

The Co-operative University of Kenya

END OF SEMESTER EXAMINATION DECEMBER-2018

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

UNIT CODE: CODM 2303

UNIT TITLE: DISASTER RISK AND VULNERABILITY ASSESSMENT

DATE:

TIME:

INSTRUCTIONS:

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

QUESTION ONE

- (a) Describe the relationship that exists between the term hazard, risk, vulnerability and disaster (12 marks)
- (b) What makes a hazard to be considered “Acceptable” and “Safe” (4 marks)
- (c) Discuss **THREE** major obstacles to effective hazards risk management (6 marks)
- (d) Discuss likelihood and impact in understanding disaster risk (8 marks)

QUESTION TWO

- (a) Discuss major steps taken during risk identification process (10 marks)
- (b) Explain how risk analysis and risk evaluation is undertaken (10 marks)

QUESTION THREE

- (a) Discuss key drivers of vulnerability that contribute to disaster risk (12 marks)
- (b) Differentiate single-risk assessments form Multi-risk assessments using examples (8 marks)

QUESTION FOUR

- (a) Disaster economic impact can consist of direct economic losses and indirect economic losses. Discuss (10 marks)
- (b) Discuss how key drivers of capacity contribute to resilience building (10 marks)

QUESTION FIVE

- (a) As societies become richer more resources can be made available to invest ins some degree of protection. Discuss how societies can use development process for disaster mitigation (10 marks)
- (b) Explain how disaster risk information affects risk perception (10 marks)