

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 1201

UNIT TITLE: INTRODUCTION DISASTERS

DATE: DECEMBER, 2018

TIME:

INSTRUCTIONS:

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

Read the report:

More than 159,000 people in Tana River, Kilifi and Lamu counties have been displaced by floods with this year's deluge being compared to the 1997-1998 destructive El Nino that wreaked havoc across the country.

Tana River is the worst affected in the region after River Tana broke its banks almost two weeks ago, affecting some 150,000 people in the country, about 6,000 in Kilifi and 3,000 in Lamu.

Politicians and Government officials have urged the national government to intervene and save the floods victims from the disaster that has so far killed six people

EVACUATION

Tana River Deputy County Commissioner Micheal Kioni said the displaced residents are either living in camps or with their relatives after floods destroyed their houses and farms

He ordered chiefs to forcibly evacuated who are living in dangerous areas

“Those who will resist will be prosecuted for attempted suicide. Residents still residing in lowlands and along the banks of River Tana that are yet to be flooded should move out. More water is still flowing downstream from the Seven Folks dams. Failure to adhere to the evacuation orders will attract legal action including prosecution” he said

Speaking at Bondeni village during the distribution of relief supplies to flood victims on Saturday, Mr Kioni said a County Steering meeting held earlier in the day had established that about 38,000 household had been affected by the floods

Most of the displacement are in Tana North Sub county where about 16,000 households have been affected followed by Tana Delta Sub-county (14,000) Households and Tana River Sub-county (8,000 households), he said.

He said some areas had been completely cut off and victims could not be reached by road which have been rendered impassable by the floods

QUESTION ONE

- (a) Discuss the vulnerabilities which could have led to flood disaster in Tana North Sub-county described in the excerpt (8 marks)

- (b) If you been hired as a disaster risk reduction advisor to the County Government of Tana River, what measures would you have recommended to be undertaken in Tana North Sub-county after the flood disaster had been brought under control (8 marks)
- (c) Supposing you ere the in command of Red Cross Response Team in Tana North Sub-county area at the time of the response to the flood disaster. What ethics in communication will you be guided with when working with media on providing information to the public (8 marks)
- (d) Differentiate between rapid onset disaster and slow onset disaster (6 marks)

QUESTION TWO

Bududa District in the foothills of Mount Elgon, which lies on the border between Uganda and Kenya, is a high risk area for landslides. At least 100 people were reported Killed in a landslide in Bududa in March 2010 and in t2012 landslides destroyed three villages. ON Friday 12 Oct 2018 13.21 BST. At least 36 were reported to have died in Bududa Uganda landslides as school disappears beneath mud.

- (a) Supposing you are a Disaster Response Manager in an international humanitarian organization operating in Bududa District. What measures would you undertake in the first 12 hours when the landslides of Friday 12 Oct 2018 13:21 in Bududa District occurred (10 marks)
- (b) What measures would you recommend to be undertaken in Bududa District of Uganda to mitigate against landslide disaster in the area (10 marks)

QUESTION THREE

- (a) Differentiate between a hazard and a disaster (2 marks)
- (b) Discuss the human factors that contribute to cyclone disaster (8 marks)
- (c) What measures need to be put in place to mitigate against cyclone disaster (10 marks)

QUESTION FOUR

- (a) Discuss the activities which should be carried out in different phases of drought management cycle (20 marks)

QUESTION FIVE

- (a) Analyze indirect impacts of disasters to communities (10 marks)
- (b) Discuss the roles of United National Development Programme (UNDP) in disaster risk reduction (10 marks)