



MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

UNIVERSITY EXAMINATIONS

2015/2016 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER SPECIAL/ SUPPLEMENTARY EXAMINATIONS.

FOR THE DEGREE OF,

BACHELOR OF SCIENCE IN DISASTER PREPAREDNESS AND ENVIROMENTAL TECHNOLOGY, DISASTER MANAGEMENT AND SUSTAINABLE DEVELOPMENT, DISASTER MANAGEMENT AND INTERNATIONAL DIPLOMACY, AND, EMERGENCY MANAGEMENT AND HUMANITARIAN ASSISTANCE.

COURSE CODE: CDM 201.

COURSE TITLE: MAN-MADE AND TECHNOLOGICAL DISASTER.

DATE: 03/08/2016

TIME: 12.00NOON – 2.00PM

INSTRUCTION TO CANDIDATES

Answer three questions. Question ONE is Compulsory and any TWO questions.

QUESTION ONE.

a) Write short notes on the following concepts.

- i. Mitigating floods through afforestation. (10 mks)
- ii. Human activities and biological hazards. (10 mks)
- iii. Disaster resilient communities (10 mks)

QUESTION TWO.

a) Using an example discuss any one objective of a contingency emergency plan.

(10 mks)

b) Explain the concept of sustainable development in man-made disaster management strategies. (10 mks)

QUESTION THREE.

a) Discuss any two causal factors of ethnic conflict in Africa. (10 mks)

b) Suggest any two interventions that can be used to mitigate armed conflict.

(10 mks)

QUESTION FOUR.

a) Explain how land use practices can lead to marked increase in malaria incidences in Highland regions. (10 mks)

b) Suggest any two vulnerability factors that can compound the prevalence of malaria incidences. (10 mks)

QUESTION FIVE.

a) Discuss any two important components of a disaster management strategic plan.

b) Suggest the importance of research in man-made disasters. (10 mks)