



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

MAIN EXAM

**2017/2018 ACADEMIC YEAR SECOND YEAR, FOURTH
SEMESTER**

FOR DIPLOMA

IN

DISASTER MANAGEMENT

COURSE CODE: DDM 014

COURSE TITLE: PRINCIPLES OF CONSERVATION

DATE: 06/03/2018

TIME: 9.00-10.30AM

INSTRUCTIONS TO CANDIDATES

Answer question **ONE (Compulsory)** and any other **TWO (2)** questions

TIME: 1½ Hours

MMUST observes **ZERO** tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

Question ONE

i) Shed light on the following terms as used in principles of conservation

(a). Ecology (2 Marks)

(b). Natural resources (2Marks)

(c). Conservation (2Marks)

(d). Preservation (2 Marks)

(e). Exhaustible resources (2 Marks)

ii)

(a). Highlight different kinds of natural resources (8Marks)

(b). Discuss major causes of depletion of various natural resources (12 Marks)

Question TWO

(a). Mau forest complex is a key water tower in the region, clearly illustrate the invaluable ecological services that the ecosystem provides. (6 Marks)

Marks)

(b) Why is Mau Forest Complex important for our economy? (4 Marks)

Marks)

(c) What are the main causes of forest loss in the Mau Forests Complex? (5 Marks)

Marks)

(d). what are the impacts of deforestation of Mau Complex on water resources? (5 Marks)

Question THREE

(a). Briefly explain the key concepts of sustainable development, and using a diagram illustrate the scheme of sustainable development at the confluence of three preoccupations. (14 Marks)

(b) Explain some of the requirements of sustainable development (6Marks)

Question FOUR

Human wildlife conflict is as a result of climate change and changes in land use. Discuss

(20

Marks)

Question FIVE

Discuss the relevance of Principles of Conservation subject in disaster risk reduction and Sustainable development. (20 Marks)