



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
(MMUST)  
UNIVERSITY EXAMINATIONS  
2018/2019 ACADEMIC YEAR  
FOURTH YEAR FIRST SEMESTER EXAMINATIONS**

**MAIN EXAMINATION  
FOR THE DEGREE**

**OF  
BACHELOR OF EDUCATION**

**COURSE CODE: ESM 410                      DURATION: 2 HOURS**  
**COURSE TITLE: ENVIRONMENTAL EDUCATION**  
**DATE: 5/02/2019                              TIME: 9:00 – 11:00**

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**INSTRUCTIONS TO CANDIDATES**

Question ONE (1) is compulsory

Answer ANY OTHER THREE questions from options given

**MMUST observes ZERO tolerance to examination cheating**

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

## QUESTION ONE

- a) Environmental education in the school curriculum is imperative. Discuss (6mks)
- b) Outline five indicators of environmental crisis (5mks)
- c) Using examples, distinguish between teaching method, teaching strategy and teaching technique as used in environmental education (6mks)
- d) A successful environmental individual needs to citizenship action skills for the environment. Discuss. (4mks)
- e) Discuss four reasons why implementation of environmental education has not been fully realized (4mks)

## QUESTION TWO

Discuss the contributions of the various components of the environment to life on earth (15mks)

## QUESTION THREE

- a) Discuss the steps you would take in the process of lesson planning. (10 mks)
- b) State any five principles of environmental education (5mks)

## QUESTION FOUR

- a) Briefly illustrate how environmental development and environmental conservation leads to sustainable development (3mks)
- b) Discuss the objectives of environmental management (12mks)

## QUESTION FIVE

Citing examples, discuss the approaches by which environmental education for sustainability can be presented in a school curriculum. (15 mks)