



MACHAKOS UNIVERSITY

University Examinations For 2018/2019 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

SECOND SEMESTER FIRST YEAR EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES AND COMMUNITY DEVELOPMENT

BACHELOR OF ENVIRONMENTAL RESOURCE CONSERVATION

ENS 134: TECHNOLOGY DEVELOPMENT AND ENVIRONMENT

DATE: 3/5/2019

TIME: 11:00 – 1:00 PM

INSTRUCTIONS: Answer question ONE and TWO other questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Explain the following: -
- i) Technology (2 marks)
 - ii) Environmental resource use (2 marks)
 - iii) Development continuum (2 marks)
 - iv) Industrialization (2 marks)
 - v) Urbanization (2 marks)
- b) Discuss the relationship between technology, development and environment. (10marks)
- c) Explain five ways in which technology could be used to enhance environmental protection in Kenya. (10 marks)

QUESTION TWO (20 MARKS)

Eco- friendly technologies are poised to have a positive significant impact on the environment and economy. Discuss this statement in light of Sustainable Development

QUESTION THREE (20 MARKS)

Discuss the factors that contribute to industrialization in any developing country

QUESTION FOUR (20 MARKS)

Discuss some of the latest environmentally friendly technologies that have been introduced and are used currently in Kenya

QUESTION FIVE (20 MARKS)

Explain the challenges facing technology uptake and implementation in Kenya today