



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FIRST YEARSEMESTER EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)

EPM 111: PRINCIPLES OF ENVIRONMENTAL PLANNING AND MANAGEMENT

DATE:

TIME:

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- a) Explain the following: -
- i. Environment (2 marks)
 - ii. Principles (2 marks)
 - iii. Sustainable development (2 marks)
- b) i What is Environmental planning and management (4 marks)
- ii state FOUR aspects of Environmental management (4 marks)
- c) Explain the elements of environmental planning (6 marks)
- d) Discuss FIVE reasons why environmental planning is important in a country (10 marks)

QUESTION TWO (20 MARKS)

Citing Examples, discuss the principles of environmental planning and management

QUESTION THREE (20 MARKS)

Discuss the evolution and nature of resource utilization in Kenya

QUESTION FOUR (20 MARKS)

Explain the guidelines for strategic environmental planning and management of a peri-urban interface

QUESTION FIVE (20 MARKS)

Discuss the attributes and implications of the political and administrative environment on environmental planning in Kenya