



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)

EPM 111: PRINCIPLES OF ENVIRONMENTAL PLANNING AND MANAGEMENT

DATE: 22/1/2021

TIME: 8.30-10.30 AM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- a) Explain the following: -
- i. Environment (2 marks)
 - ii. Sustainable development (4 marks)
- b) i Distinguish between Environmental planning and Environmental management (6 marks)
- ii Explain EIGHT aspects of Environmental management (8 marks)
- c) Discuss FIVE reasons why environmental planning is important in the success of a country's natural resource conservation (10 marks)

QUESTION TWO (20 MARKS)

Citing examples, discuss the principles of environmental planning and management as applied in environmental regulatory frameworks

QUESTION THREE (20 MARKS)

Explain the management strategies that the County Government of Machakos can employ in order to successfully overcome the challenges that slow down her environmental conservation efforts.

QUESTION FOUR (20 MARKS)

Discuss the impacts of governance on environmental planning and management of natural resources in Kenya

QUESTION FIVE (20 MARKS)

Discuss the attributes of an effective environmental planning and management processes in Kenya