



MACHAKOS UNIVERSITY

University Examinations for 2017/2018

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL STUDIES AND COMMUNITY
DEVELOPMENT

SECOND YEAR FIRST SEMESTER EXAMINATION FOR
BACHELOR OF ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)
ECD 206: PRINCIPLES OF NATURAL RESOURCE MANAGEMENT

DATE: 14/12/2017

TIME: 2.00-4.00 PM

INSTRUCTIONS:

Answer Question one and any other two questions

1.
 - a) Explain the roles of natural resources in community and national development
(10 marks)
 - b) Explain the Ecological and governance principles of natural resource management
(10 marks)
 - c) Discuss how communities can actively manage their natural resources in a sustainable manner.
(10 marks)
2. Explain the challenges faced in implementation of Natural resource laws in Kenya and give possible options that exist for addressing the challenges
(20 marks)
3.
 - a) Explain the elements of effective law enforcement in the management of natural resources
(10 marks)
 - b) Discuss the principles of land use planning
(10 marks)
4.
 - a) Explain the concept of carrying capacity and the tragedy of the commons
(10 marks)
 - b) Critically evaluate Kenya's land policy
(10 marks)
5. Considerable experience has been gained with different problem Wildlife management schemes. Discuss these options, and the lessons learned
(20 marks)