



MACHAKOS UNIVERSITY

University Examinations For 2021/2022 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FIRST YEAR FIRST SEMESTER EXAMINATION FOR

MASTER OF ENVIRONMENTAL STUDIES AND COMMUNITY

DEVELOPMENT

ECD 800: PARTICIPATORY NATURAL RESOURCE MANAGEMENT

STRATEGIES

DATE: 10/12/2021

TIME: 2:00 – 5:00 PM

INSTRUCTIONS: Answer question ONE and THREE other questions

QUESTION ONE (COMPULSORY) (15 MARKS)

Explain the rationale behind community participation in natural resources management and with the aid of examples discuss the factors that influence the success of community-based natural resources management approach.

QUESTION TWO (15 MARKS)

Kenya has developed adequate legal frameworks to support participatory approaches of managing natural resources. Discuss this statement in reference to management of forest resources in Kenya

QUESTION THREE (15 MARKS)

Describe the challenges you are likely to face when using collaborative approach in management of wildlife resources and suggest ways in which each of these challenges can be addressed.

QUESTION FOUR (15 MARKS)

Assuming you have been hired by Tana and Athi River Development Authority (TARDA) and stationed at Embu office to coordinate collaborative management activities of Mt. Kenya catchment area. With specific examples, describe the process you will use to determine how to engage stakeholders in your work.

QUESTION FIVE (15 MARKS)

With practical examples, discuss the approaches you can recommend to Kenya Forest Service to successfully integrate communities in management of Mau Forest.

QUESTION SIX (15 MARKS)

Describe the process you would use to transition from protectionism approach to co-management approach of managing wildlife resources in Kenya.