



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

BACHELOR OF ENVIRONMENTAL STUDIES AND COMMUNITY DEVELOPMENT

ECD 105: SOCIETY AND ENVIRONMENTAL SUSTAINABILITY

DATE: 28/1/2022

TIME: 2.00-4.00 PM

INSTRUCTIONS: Answer question ONE and TWO other questions

QUESTION ONE (30 MARKS)

- Explain the key pillars of sustainable development (10 marks)
- As an environmental officer in your county, discuss the strategies you would adopt to promote environmentally sustainable behaviors in the communities (10 marks)
- Explain the principles of environmental sustainability (10 marks)

QUESTION TWO (20 MARKS)

- Using appropriate examples, explain the importance of public participation for sustainable development (10 marks)
- Explain the main challenges to achievement of environmental sustainability in Kenya (10 marks)

QUESTION THREE (20 MARKS)

Discuss the implications of globalization on achievement of environmental sustainability

QUESTION FOUR (20 MARKS)

Citing relevant examples, discuss the linkages between environmental sustainability and human well-being

QUESTION FIVE (20 MARKS)

Discuss the principles you would adopt to assess sustainability of a given project in your county