



MACHAKOS UNIVERSITY

University Examinations For 2021/2022 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR

MASTER OF ENVIRONMENTAL SCIENCE

ENS 800: ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

DATE: _____ TIME: _____

INSTRUCTIONS: Answer question ONE and any other THREE

QUESTION ONE (COMPULSORY) (15 Marks)

- a) Discuss the challenges facing community-based natural resource management in Kenya. (5 marks)
- b) Discuss the international initiatives that led to the emergence of sustainable development concept. (10 marks)

QUESTION TWO (15 MARKS)

Discuss FIVE multilateral environmental agreements.

QUESTION THREE (15 MARKS)

Explain the role of developed countries in environmental pollution.

QUESTION FOUR (15 MARKS)

Discuss three pillars of sustainability.

QUESTION FIVE (15 MARKS)

Discuss the Kuznets environmental curve model.