



# MACHAKOS UNIVERSITY

University Examinations for 2023/2024 Academic Year

SCHOOL OF AGRICULTURE, ENVIRONMENT AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENTAL SCIENCES

THIRD YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

ESU 301: ENVIRONMENTAL POLICY AND LAW

**DATE:**

**TIME:**

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**INSTRUCTIONS: ANSWER QUESTION ONE AND TWO OTHER QUESTIONS**

## **QUESTION ONE**

- a) Explain the concepts of law (4 Marks)
- b) Explain the importance of the application of environmental law in development planning. (10 Marks)
- c) Describe the mechanisms for the implementation of the principles of environmental law. (10 Marks)
- d) Explain the application of the common law of torts in protecting landowners' rights in Kenya. (6 Marks)

## **QUESTION TWO**

Discuss how environmental policies can be effectively designed and implemented to enhance sustainable development. (20 Marks)

## **QUESTION THREE**

Discuss the obligations of the state with respect to the environment as articulated in the Constitution of Kenya, 2010 and its application in the Environmental management and Coordination Act (EMCA) of 1999 (amended in 2015). (20 Marks)

#### **QUESTION FOUR**

“A thing is right when it tends to preserve the integrity, stability, and beauty of the biotic community. It is wrong when it tends otherwise”. Discuss this statement in the context of environmental ethics and justice. (20 Marks)

#### **QUESTION FOUR**

Despite having a myriad of environmental laws and participation in many global environmental meetings, environmental degradation is still a big problem in developing countries. Discuss the challenges in implementing environmental law in this statement. (20 Marks)