



# **MACHAKOS UNIVERSITY**

**University Examinations For 2021/2022 Academic Year**

**SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT**

**DEPARTMENT OF ENVIRONMENTAL SCIENCES**

**FOURTH YEAR SECOND SEMESTER EXAMINATION FOR**

**BACHELOR OF ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)**

**ECD 415: POVERTY, ECOSYSTEMS AND HUMAN WELL-BEING**

**DATE: 6/12/2021**

**TIME: 11:00 – 1:00 PM**

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**INSTRUCTIONS: Answer question ONE and TWO other questions**

**QUESTION ONE (30 MARKS)**

- a) Describe the drivers of environmental dilemmas/problems facing poor countries. (10 marks)
- b) Explain how the promotion of sustainable development can overcome the basic human poverty (10 marks)
- c) Describe the various stages of ecosystem assessment (10 marks)

**QUESTION TWO (20 MARKS)**

Discuss the nexus between poverty and human well-being

**QUESTION THREE (20 MARKS)**

Discuss four institutions and related legislative frameworks that inform decisions on ecosystems and their management at the local level in Kenya

**QUESTION FOUR (20 MARKS)**

Discuss how changes in the condition of ecosystems affect human health.

**QUESTION FIVE (20 MARKS)**

The poor often are both the agents and victims of environmental degradation. Discuss