



MACHAKOS UNIVERSITY

University Examinations for 2022/2023 Academic Year

SCHOOL OF AGRICULTURE, ENVIRONMENT AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENTAL SCIENCES

SECOND YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)

EED 205 EDUCATION FOR SUSTAINABLE DEVELOPMENT

DATE:

TIME:

INSTRUCTIONS: Answer question **One (compulsory)** and any other **Two** questions

QUESTION ONE (30 marks)

- a) Explain the following
 - (i) Sustainable development (2 marks)
 - (ii) Education for Sustainable Development (2 marks)
 - (iii) Environmental sustainability (2 marks)
- b) Explain the principles of Education for Sustainable Development (8 marks)
- c) Discuss FOUR types of sustainability (8 marks)
- d) Describe the characteristics of Education for Sustainable Development (8 marks)

QUESTION TWO (20 MARKS)

The Kenyan government is most unlikely to achieve its Sustainable Development Goals and Vision 2030 without sustaining its education. Discuss the strategies the government should adopt in order to quickly realize these goals and vision

QUESTION THREE (20 MARKS)

Agenda 21 and United Nations Decade of Education for Sustainable Development (ESD) have positively impacted on the education sector in Kenya. Discuss their contribution towards the attainment of ESD in Kenya

QUESTION FOUR (20 MARKS)

Proper teaching methods and techniques are important for the success of Education for Sustainable Development in Kenya. Discuss the teaching techniques that have been used to achieve ESD.

QUESTION FIVE (20 MARKS)

Discuss the challenges and achievement of Education for Sustainable Development in Kenya