



MACHAKOS UNIVERSITY

University Examinations for 2018/2019 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

**SECOND YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR
BACHELOR OF ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)**

EED 203: EDUCATION FOR SUSTAINABLE DEVELOPMENT

DATE: 23/7/2019

TIME: 8.30-10.30 AM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- a) Explain the following concepts:
 - i. Sustainability (2 marks)
 - ii. Need's concepts (2 marks)
 - iii. Education for sustainability (2 marks)
- b) Explain how Agenda 21 affects education for sustainable development (5 marks)
- c) Explain the three perspectives of Sustainable Development. (9 marks)
- d) Explain five skills of education for sustainable development in Kenya. (10 marks)

QUESTION TWO (20 MARKS)

Discuss how politics affect sustainable development in Kenya

QUESTION THREE (20 MARKS)

- a) Explain five objectives of environmental education for sustainable development (10 marks)
- b) Explain how ethics affect sustainable development in your County (10 marks)

QUESTION FOUR (20 MARKS)

- a) Explain four values of environmental education for sustainable development in Kenya (8 marks)
- b) Explain the three keys of sustainable development (12 marks)

QUESTION FIVE (20 MARKS)

- a) Explain the concept of ecological carrying capacity (8 marks)
- b) Discuss the four thrusts of education for sustainable development citing how each of them affects nature conservation (12 marks)