



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2019/2020
FIRST SEMESTER EXAMINATION FOR THE DECREE OF BACHELOR OF SCIENCE
(ENVIRONMENTAL EDUCATION)

EED 430: WATER RESOURCE EDUCATION

DATE: Monday, 9th December 2019

TIME: 8.00am - 10.00am

INSTRUCTIONS:

Answer Question One and any other THREE Questions.

1. (a) With suitable examples, explain the concept of water resource education. (5 marks)
 - (b) "There is an intimate relationship between climate change and freshwater". Using suitable examples from Kenya, substantiate the statement. (5 marks)
 - (c) Give five reasons why water is considered to be a global common. (5 marks)
 - (d) "Wetlands ecosystems in Kenya need to be restored in order to save country's water resources." Using suitable examples substantiate the statement. (5 marks)
 - (e) Why do you think all countries in the world should be interested in saving Amazon biodiversity in relation to water resource? (5 marks)
2. With suitable examples critically analyze how "Social Power" can help Kenya to save her waters in the current changing climate. (15 marks)
 3. State three MEAs which Kenya is a signatory, and explain how these MEAs can help Kenya to save her water resources. (15 marks)
 4. Using suitable examples, explain any five cultural activities which can have negative effects on water resources. (15 marks)
 5. Using suitable examples, explain the following concepts used in water resource utilization:-
 - i) Potential water resources (3 marks)
 - ii) Actual water resources (3 marks)
 - iii) Renewable water resources (3 marks)
 - iv) Environmental water use (3 marks)
 - v) Blue, grey and green water footprints (3 marks)

INVOLVEMENT IN EXAMINATION IRREGULARITY SHALL LEAD TO DISCONTINUATION