



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2020/2021
FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE (ENVIRONMENTAL EDUCATION)
EED 427: ECOLOGICAL FOOTPRINT

DATE: Tuesday, 18th May 2021

TIME: 11.00 a.m. - 1.00 p.m.

INSTRUCTIONS:

Answer **Question ONE (1)** and any **THREE(3)**

1. Write short notes on the following:
 - (i) Ecological footprint and human demand on nature (5 marks)
 - (ii) Ecological footprint and bio capacity. (5 marks)
 - (iii) Kyoto Protocol and greenhouse gases. (5 marks)
 - (iv) Climate change and human activity (5 marks)
 - (v) Emission trading and the environment. (5 marks)
2. Discuss how the supply and demand works in the EF process. (15 marks)
3. With examples, expound on what the concepts ecological deficit and ecological reserve mean. (15 marks)
4. Discuss three reasons why nations run into ecological debts. (15 marks)
5. What are the purposes of the Clean Development Mechanism (CDM) and Joint Implementation (JI) in the Kyoto Protocol? (15 marks)