



UNIVERSITY OF EMBU

2019/2020 ACADEMIC YEAR

SUPPLEMENTARY/SPECIAL EXAMINATIONS

YEAR THREE EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE

ACP 304: ENVIRONMENTAL MANAGEMENT

DATE: OCTOBER 27, 2020

TIME: 8:30 AM – 10:30 AM

INSTRUCTIONS:

Answer Question ONE and ANY other TWO (2) Questions

QUESTION ONE (30 MARKS)

- a) Cite the reasons that led to the formation of the Montreal protocol? (3marks)
- b) List any three sustainable agricultural practices (3 marks)
- c) Differentiate reuse and recycling as techniques of environmental conservation.
(2 marks)
- d) The environmental management class in the University of Embu learnt that the rising of the oceanic level is being attributed to global warming ,briefly explain the reasons why.
(4 marks)
- e) State any three advantages of environmental restoration (3mark)
- f) Outline the various layers of the atmosphere (3 marks)

- g) The third year Students from the school of agriculture of the University of Embu were asked to describe how invasion of a lake by a nonnative species of fish would lead to ecological imbalance, briefly explain the content of their response. (5 marks)
- h) State any four negative human activities on the hydrological cycles. (4marks)
- i) Explain the vermi decomposition method in waste management. (3marks)

QUESTION TWO (20 MARKS)

Discuss using examples the main causes of biodiversity loss in the world today

QUESTION THREE (20 MARKS)

The 3rd year BSc Horticulture students from the University of Embu learnt that one of the major factors affecting the environment today is pollution. Discuss soil and water pollution in the world today and the initiatives to control the menace

QUESTION FOUR (20 MARKS)

Citing examples describe the use efficiency improvement and substitution techniques in environmental resource conservation.

QUESTION FIVE (20 MARKS)

Describe the primary and secondary stages of sewage treatment

