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**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2019/2020**

**SECOND YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN MICROBIOLOGY /**

**BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES**

**SBT 2205: ENVIRONMENTAL SCIENCE**

**DATE: APRIL, 2020 TIME: 2 HOURS**

INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

**QUESTION ONE: 30 MARKS**

a. Describe the various segments of the environment. (4 marks)

b. Briefly discuss eutrophication. (6 marks)

c. Outline the objectives of the National Environment Policy. (6 marks)

d. Briefly describe the control variables in ecosystem structure and functioning. (5 marks)

e. Discuss the innate characteristics of hazardous wastes. (4 marks)

f. Briefly discuss the renewable sources of energy. (5 marks)

**QUESTION TWO: 20 MARKS**

Discuss global warming.

**QUESTION THREE: 20 MARKS**

Describe the Environmental Management and co-ordination Act.

**QUESTIONFOUR: 20 MARKS**

Discuss the elements in the Par

is Climate Agreement