



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018

DIGITAL SCHOOL OF VIRTUAL AND OPEN LEARNING

**SECOND SEMENSTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN FOOD, NUTRITION AND DIETETICS**

HFN 205: ENVIRONMENTAL ISSUES IN NUTRION

DATE: THURSDAY 21ST JUNE 2018

TIME: 8.00A.M-10.00A.M

INSTRUCTIONS: ANSWER ALL QUESTIONS (70 MARKS)

1. Define the following terms (3 marks)
 - i) Environmental health (3 marks)
 - ii) Bioacculation (3 marks)
 - iii) Composting (3 marks)
 - iv) Biostimulation (3 marks)
 - v) Bioconcentration (3 marks)
2. List six types of environmental food contaminants. (6 marks)
3. a) State three factors that affect bioremediation. (3 marks)
b) Discuss six advantages of bioremediation (12 marks)

4. Describe three major routes of exposure. (12 marks)
5. Discuss four factors that affect biotransformation. (12 marks)
6. Describe five advantages of biodegradation process. (10 marks)