



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2014/2015

DIGITAL SCHOOL OF VIRTUAL AND OPEN LEARNING

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

AGE 409: APPLIED CLIMATOLOGY

DATE: Saturday 2nd May 2015

TIME: 11.00.m-1.00p.m

INSTRUCTIONS

Answer question 1 and any other TWO questions. Use Illustrations where appropriate

1. a) With examples, explain the scope of Applied Climatology (10 marks)
b) Explain the significance of Applied Climatology (10 marks)
c) Define microclimatology and show its various causes (10 marks)
2. Assess the application of climate in different aspects of agriculture and tourism (20 marks)
3. a) What is human bioclimatology? (8 marks)
b) Explain any two main aspects of human bioclimatology (12 marks)
4. a) Assess the methods and significance of 'rain making' (10 marks)
b) With examples, explain the methods of hailstone suppression (10 marks)
5. a) Examine the purpose and methods of modifying soil climates. (12 marks)