



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16, Ahmadu Bello Way, Victoria Island

SCHOOL OF SCIENCE AND TECHNOLOGY
October, 2013 Examination

TIME ALLOWED

2HRS

COURSE CODE: - ESM 343

COURSE TITLE: - CLIMATE CHANGE AND ENVIRONMENT

COURSE UNIT: (2 UNIT)

INSTRUCTION: - ATTEMPT ANY FOUR (4) QUESTIONS

Q1. History of past climate can be reconstructed. Discuss. (17.5 marks)

Q2. With the aid of diagram, explain the processes that modify the incoming solar radiation. (17.5 marks)

Q3. Give an account of the constituents of the atmosphere. (17.5 marks)

Q4. Discuss the method by which air is heated. (17.5 marks)

Q5. With the aid of annotated diagrams, explain how atmospheric pressure can be measured. (17.5 marks)

Q6. a. Define climate change. (5 marks)

b. List factors responsible for climate change. (12.5 marks)

