



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MAY/JUNE 2012 EXAMINATION**

**ESM 343CLIMATE CHANGE AND THE ENVIRONMENT
TIME ALLOWED: 2HRS 30MINS**

INSTRUCTION: Attempt any four questions

1. Meteorologists describe the air primarily in terms of its composition, temperature, pressure, wind speed, wind direction, precipitation, and humidity. Discuss. (25marks)
2. Ozone layer shields the earth surface from harmful radiation. Explain. (25marks)
3. With the aid of diagram, explain the processes that modify the incoming solar radiation. (25marks)
4. The higher you go the cooler it becomes. Explain this as it relates to atmosphere. (25marks)
5. What are the major characteristics of the urban areas? (25marks)
6. Discuss the effects of acid deposition on man. (25marks)

