



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

ESM 345 APPLIED CLIMATOLOGY (2 CR)  
TIME ALLOWED: 2HRS 30MINS

INSTRUCTION: Attempt any four questions

1. Discuss the major weather phenomena that constitute hazards to agriculture (25marks)
2. Discuss the fact that Air transport, probably more than any other mode of transportation, is the most susceptible and greatly affected by weather. (25marks)
3. In what ways can we minimize the effects flood? (25marks)
4. Discuss the several motivations for weather modification by man. (25marks)
5. Discuss the potential impacts of climate change on industries. (25marks)
6. Explain the effects of weather on aviation. (25marks)