



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: ESM345
COURSE TITLE: Applied climatology

Time: 2 hours

Instruction: Answer 4 questions only.

1. Is purposive weather modification justifiable?
- 2a. What is drought?
 - b. List **four** types of drought. List **four** types of drought as described by Wilhite and Glantz (1985).
 - c. Explain any four drought mitigation measures.
3. Explain the role of climate in the manufacturing industries.
4. Examine the role of climate in the aviation industry.
- 5a. With relevant examples explain **seven** causes of river flooding in Nigeria.
 - b. . Describe **five** ways flooding can be prevented?
6. Analyze the scope and content of applied climatology.