



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SEPTEMBER/OCTOBER 2015 EXAMINATION**

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: ESM 345

COURSE TITLE: Applied climatology

Instruction: Answer 4 questions only.

Time: 2 hours

1. Analyze the scope and content of applied climatology.
 2. Is purposive weather modification justifiable?
 3. Examine the role of climate in the aviation industry.
 4. Explain the role of climate in the manufacturing industries.
- 5a. 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.

6a With relevant examples explain **seven** causes of river flooding in Nigeria.

b. . Describe **five** ways flooding can be prevented?