



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
JANUARY/FEBRUARY 2013 EXAMINATION**

ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT

COURSE CODE: ESM 426

TIME: 2HRS 30MINS

COURSE TITLE: BIOGEOGRAPHY (2 units)

INSTRUCTION: Attempt any FOUR questions

1. Identify the components of the ecosystem and discuss their main characteristics. (25marks)
2. Explain the various **stages** and **factors** involved in ecological succession. (25marks)
3. Fragility is dependent on two factors. Discuss (25marks).
4. Discuss the major differences between forest and grassland ecosystems. (25marks)
5. The paucity of life and low productivity in the deserts are due to several factors. Discuss. (25marks)
6. In spite of the marked differences between hot and cold deserts, all biological deserts have certain ecological characteristics in common.

Identify and explain those characteristics they share in common.

(25mark)