



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

**COURSE CODE: ESM426**

**COURSE TITLE: BIOGEOGRAPHY (2 units)**

**TIME ALLOWED: 2HRS 30MINS**

**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)