



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
14/16, Ahmadu Bello Way, Victoria Island

**SCHOOL OF SCIENCE AND TECHNOLOGY**  
**October, 2013 Examination**

**COURSE CODE: BIO 308**

**COURSE TITLE: BIOGEOGRAPHY**

**INSTRUCTION: ANSWER ONLY 4 QUESTIONS**

**TIME: 2 HOURS**

1.
  - a. Outline the common characteristics of tropical trees.
  - b. How are tropical trees different from that of the temperate forest?
  - c. Mention five tropical faunas. Outline their features.
2.
  - a. Briefly outline the relationship between soil type and vegetation.
  - b. Different types of vegetation give rise to different forms of organic matter in soils .Mention the different soil processes.
  - c. The humus contents of soils also affect the growth of plants. Explain briefly.
3.
  - a. What are the factors affecting dispersal of animals and plants?
  - b. State five principles of animal distribution.
  - c. Floristic regions of the world are grouped into six kingdoms. Mention these kingdoms.
4.
  - a. Mention the Zoogeographic provinces?
  - b. Briefly explain the concept of “Island Biogeography”.
  - c. State the theory of “Island Biogeography”.
  - d. What are the influencing factors on “Island Biogeography”.
5.
  - a. Explain the relationship between climate and vegetation.
  - b. Briefly explain the interaction between climate and vegetation in sahara/sahel region.
6.
  - a. Define Biogeography.
  - b. Why is biogeography considered to be a part of physical geography?
  - c. Mention the three main field of biogeography. Briefly explain each of these fields.