



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**UNIVERSITY VILLAGE, PLOT 91 CADASTRAL ZONE, NNAMDI AZIKIWE**  
**EXPRESS WAY, JABI - ABUJA.**  
**FACULTY OF SCIENCE**  
**Department of Biological Sciences**  
**2022\_2 Examination**

**BIO 308: Biogeography**

**TIME: 2Hours**

**CREDIT UNITS: 2**

**INSTRUCTION:** Answer **THREE** questions in all. **Question 1 is compulsory**

- 1a. Outline the Major Ecological Regions of Neotropic Kingdom (3 marks)
- 1b. Write short notes on the following Tropical animals
  - Jaguar
  - Chimpanzees
  - Bengal Tigers (18 marks)
- 1c. Write briefly on the Climate-vegetation Interaction in the Sahara Desert (9 marks)
2. Discuss the effects of plants on soil formation processes (20 marks).
- 3a. Give a concise description of the Antarctic Florist Kingdom (15 marks)
- 3b. List the sub divisions of the Antarctic Kingdom and at one family endemic in these areas (5 marks)
4. Write fully on the general nature of the Boreal Kingdom (20 marks)
5. Give an account of the existence of the following Corridor bridges:
  - South Atlantic Corridor
  - Lemuria Corridor
  - Antarctica Corridor
  - Panama Corridor
  - Arctic Corridor. (20 marks)