



NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, PLOT 91 CADASTRAL ZONE, NNAMDI AZIKIWE
EXPRESS WAY, JABI - ABUJA.
FACULTY OF SCIENCE
Department of Biological Sciences
2025_1 EXAMINATION...

BIO 308: Biogeography

TIME: 2Hours

CREDIT UNITS: 2

INSTRUCTION: Attempt THREE (3) questions in all. Question 1 is compulsory

- 1a. Discuss the largest zoogeographic region of the world and itemize the different subregions in this region (10 marks)
- b. Discuss the South African Kingdom and its location (10marks)
- c. With appropriate country name, state five archipelagos of the Macaronesia region (10marks)

Total 30 marks

- 2a. Name the plants and plant families that originated in the Neotropics (10 marks)
- b. Identify the animal groups that are restricted to the Neotropical region (10 marks)

Total 20 marks

- 3ai. State the different floristic kingdoms (5marks)
- 3aii. Explain the different regions of each floristic kingdom (7marks)
- b. Discuss the fundamental principles of animal dispersion (8marks)

Total 20 marks

- 4a. Mention three (3) each agent of dispersal plants and animals (6marks)
- b. State the features of ten named tropical animals (14 marks)

Total 20 marks

- 5a. State the factors affecting the dispersal of plants and animals (4marks)
- b. Give five examples of some dominant temperate plants (5marks)
- c. State the differences between tropical and temperate Flora (11 marks)

Total 20 marks