



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA
FACULTY OF SCIENCE
Department of Pure and Applied Sciences
2021_2 EXAMINATION

BIO 308 - BIOGEOGRAPHY

TIME: 2HOURS

CREDIT UNIT: 2

INSTRUCTION: Answer question ONE (1) and any other THREE (3) questions

- 1 (a) Explain the three (3) main fields of study in biogeography today. (10 marks)
(b). Explain the distribution of fauna and flora in
i. Amazonia,
ii. Eastern South America
iii. Orinoco regions of Neotropical kingdom (6 marks)
(c). Describe the Panama corridor (4 marks)
(d) Describe the sub-regions of the Neartic zoogeographical region (5 marks)
- 2a. Explain **fives (5)** ways humans act as agents of animal dispersal (5 marks)
2b. Describe the **four (4)** sub-regions of the Indomalayan region (10 marks)
- 3a Give a concise description of the four (4) sub-regions of the Afrotropical (Ethiopian) zoogeographic region (10 marks)
3b Enumerate any five (5) examples of temperate plants (5 marks)
- 4.(a) Write concise account of endemic plants and animals of the Neotropical kingdom (8 marks)
(b) Write a concise explanation of climate-vegetation interaction in Sahara/Sahel region (7 marks)
- 5(a) Explain the biogeography of the Macaronesia region (10 marks)
5(b) Explain the floral distribution of Polynesian and Neocaledonian subkingdoms of the Paleontropical Kingdom (5marks)