

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**National Open University Of Nigeria**

**Plot 91, Cadastral Zone, NnamdiAzikiwe Expressway, Jabi - Abuja**

 **Faculty of Sciences**

**DEPARTMENT OF PURE AND APPLIED SCIENCE**

**NOVEMBER 2018\_2 EXAMINATION**

**COURSE CODE: BIO308**

**COURSE TITLE: BIOGEOGRAPHY**

**CREDIT UNIT: 2**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTION**: **ANSWER QUESTION 1 AND ANY OTHER THREE QUESTIONS**

**1**a Briefly, discuss the theory of island biogeography (**8 Marks)**

1b Enumerate any seven influencing factors on island biogeography (**7marks**)

1c Describe the relationship between climate and vegetation. (**10Marks)**

**2**a List and explain the three main factors affecting dispersal of organisms (**9marks)**

2b Give a general description of the floristic paleotropical kingdom (**6marks)**

**3**a Give a brief historical development of biogeography (**10 marks)**

3b List the five floristic subkingdoms of the paleotropical kingdom (**5marks**)

**4**a Describe any three major common characteristics of tropical trees **(6marks)**

4b Identify and describe any three floristic provinces of the Madrean region (**9 Marks)**

**5**a Enumerate and describe any three ecological regions of Neotropic Kingdom **(9marks)**

5b List the six floristic regions of the world (**6 Marks)**