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**National Open University Of Nigeria**

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

**Faculty of Science**

 **JANUARY/ FEBRUARY 2018 EXAMINATION**

**COURSE CODE: BIO 308 (2 CREDIT UNITS) TIME ALLOWED: 2HOURS**

**COURSE TITLE: BIOGEOGRAPHY**

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

1a List the six floristic regions of the World (**6Marks)**

1b Describe the major common characteristics of tropical trees (**6Marks)**

1c Enumerate the Differences between Tropical and Temperate Flora (**10 Marks)**

1d Outline any three means of dispersal of Animals (**3 Marks)**

2a Identify and describe the floristic provinces of the Madrean region (**15 Marks)**

**3a Give a general description of the Paleotropical Kingdom (6 Marks)**

3b Enumerate six influencing factors on Island Biogeography (**9 Marks)**

4a List the five floristic Subkingdoms of the Paleotropical Kingdom **(5 Marks)**

4b Describe the relationship between climate and vegetation. (**10Marks)**

5a Outline the relationship of Vegetation on soil type (**6Marks)**

5b Briefly, discuss the Theory of Island Biogeography (**9Marks)**