



**KISII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR THE AWARD OF THE**  
**DEGREE OF MASTER OF ARTS IN GEOGRAPHY**  
**SECOND SEMESTER, 2021/2022**  
**(FEBRUARY - JUNE, 2022)**

**GEOG 814: ADVANCED BIOGEOGRAPHY**

**STREAM: Y1 S2**

**TIME: 2 HOURS**

**DAY: WEDNESDAY, 2:00 – 5:00 P.M.**

**DATE: 27/05/2022**

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**INSTRUCTIONS**

- 1. Do not write anything on this question paper.*
- 2. Answer any THREE Questions.*

**QUESTION ONE**

Despite the undeniable importance, wetland ecosystems continue to disappear or degrade. With relevant global examples, explain why this is the case and provide suggestions on how these precious ecological units can be sustainably managed.

**QUESTION TWO**

With increasing mobility globally governments across the world are grabbing with containing the spread of invasive alien species. With supporting evidence, discuss how true this assertion is and provide recommendations that these governments can adopt to contain the spread of these species.

**QUESTION THREE**

With examples, discuss the assertion that deforestation in developing countries is as a result of colonization and colonial masters' interference in the governance and management of forests.

**QUESTION FOUR**

With global case studies discuss major threats facing grassland ecosystems and provide suggestions that could be implemented to minimize negative impacts or restore the state of these ecosystems.

### **QUESTION FIVE**

Provide a critical evaluation of legislations aimed at restoring and saving Kenyan wetlands.

### **QUESTION SIX**

Sustainable management of global ecological systems needs the buy-in and support of all stakeholders. Discuss the effectiveness as well as the challenges associated with this philosophical approach in developing countries.