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**JOMO KENYATTA UNIVERSITY**

**OF**

**AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2014/2015**

**SEMESTER I EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN PLANT PHYSIOLOGY**

**SBT 3110: PLANT GEOGRAPHY**

**DATE: AUGUST 2015 TIME: 3 HOURS**

**INSTRUCTION: ANSWER ANY FOUR QUESTIONS**

**QUESTION ONE**

Discuss the determinants and consequences of disposal in plants. [25 marks]

**QUESTION TWO**

1. Describe the general patterns of diversity in Africa. [15 marks]
2. Discuss intercontinental disjunctions [10 marks]

**QUESTION THREE**

Describe the World’s terrestrial biomes [25 marks]

**QUESTION FOUR**

Discuss the theories that describe latitudinal species diversity [25 marks]

**QUESTION FIVE**

Describe the factors that affect plant distribution [25 marks]

**QUESTION SIX**

Discuss geographical speciation [25 marks]