



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2015/2016

**FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF MASTERS OF SCIENCE IN BOTANY (PLANT
ECOLOGY, PLANT PHYSIOLOGY AND BIOCHEMISTRY)**

MAIN CAMPUS

**SBT 811: PHYSIOLOGY OF PLANT GROWTH AND
DEVELOPMENT**

Date: 19th April, 2016

Time: 2.30 - 5.30pm

INSTRUCTIONS:

- Answer ALL Questions in Section A and any other THREE from Section B.

SECTION A: COMPULSARY QUESTIONS [15 MARKS EACH]

1. Discuss the apical meristematic in plants
2. Discuss dormancy in plants.

SECTION B: [10 MARKS EACH]

3. Discuss plant growth from seed
4. Discuss the characteristics of plant growth regulators
5. Discuss totipotency in plant growth and development.
6. Discuss Photoperiodism and plant environmental physiology.
7. Discuss herbicides and their effect on health.