



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

**FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR
THE DEGREE OF MASTER OF SCIENCE IN BOTANY**

MAIN CAMPUS

SBT 845: TAXONOMY OF FUNGI

Date: 29th April, 2016

Time: 11.00 - 2.00 pm

INSTRUCTIONS:

- Answer ALL questions in SECTION A and any THREE in SECTION B.

SBT: 845 TAXONOMY OF FUNGI

Date-----

Time -----

Instructions: Answer ALL questions in section A and any THREE selected from section B

SECTION A: Compulsory questions (90 minutes) (30 marks)

1. Describe the main features of oomycetes and zygomycetes? (10 marks)
2. Discuss the differences between coenocytic hyphae and septate hyphe. (10 marks)
3. What is heterothallism? Compare it with heterokaryosis. (10 marks).

SECTION B; (90 minutes) (30 marks)

4. Discuss the systematic position and main features of teliomycetes. (10 marks)
5. Distinguish the differences between hymenomycetes and gasteromycetes.(10 marks)
6. Discuss why fungi were separated from members of the plant kingdom. (10 marks)

7. Discuss the structure of thallus, and reproduction of myxomycetes (10 marks)