



**MASENO UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2016/2017**

**FOURTH YEAR FIRST SEMESTER EXAMINATIONS FOR  
THE DEGREE OF BACHELOR OF SCIENCE IN  
HORTICULTURE WITH INFORMATION TECHNOLOGY**

**MAIN CAMPUS**

**AHC 405: MUSHROOM PRODUCTION**

Date: 5<sup>th</sup> November, 2016

Time: 3.30 - 6.30 pm

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**INSTRUCTIONS:**

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



**AHC 405: MUSHROOM PRODUCTION**

**INSTRUCTIONS: ANSWER ALL QUESTIONS IN SECTION A AND  
ANY TWO QUESTIONS FROM SECTION B**

**SECTION A (30 marks)**

**Answer all questions from this section**

1. State any three key differences between the cultivation of mushrooms and that of traditional crops in the plant kingdom pointing out how these they might make mushroom cultivation more feasible in urban and peri-urban settings (3 marks)
2. Which spawning method uses the least amount of spawn and why? (2 marks)
3. Why is the nutritional value of edible mushrooms such a contentious topic (3 marks)
4. Giving at least one named species per group, mention any four groups or categories of the cultivated mushrooms (4 marks)
5. How can mushroom that cannot be consumed or reach the market immediately after harvest be preserved? (3 marks)
6. What is the difference between free-spawning and super-spawning in button mushrooms cultivation? (3 marks)
7. Is light essential in the commercial production of mushrooms? Explain your answer (3 marks)