

**University of Pune**  
**Department of Management Sciences**  
**MBA-BT Semester II**  
**Semester End Exams April 2011**

**201-BT Plant Management & PPC**

**Maximum Marks: 60**

**Time: 3 hours**

**Important Instruction: Answer Section 1 and 2 on separate answer sheets.**

**Each Section carries 30 marks.**

**Section 1**

Q1. Describe amino acid herbicides and their importance? **- 9 Marks**

Q2. Explain the technological development of “Golden rice” and its present status?  
**– 9 Marks**

OR

Explain how BT cotton was developed through Genetic engineering?

Q3. Write short notes on any THREE of the following: **- 12 Marks**

- a. “Terminator technology” and its implications
- b. Mechanism of T-DNA transfer and its integration into host genome
- c. Nopaline and Octopine plasmid constructs and their use
- d. Regulatory bodies for commercialization of transgenic plants