



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi, Abuja
Faculty of Agricultural Sciences
October/November, 2016

Course code: CSP – 401

Course Title: BIOTECHNOLOGY IN CROP/PEST MANAGEMENT

Credit Units: 3

Time Allowed 3 Hours.

INSTRUCTION: ANSWER ANY FIVE (5) QUESTIONS

Q. 1. What are the advantages of micropropagation?

Q. 2. Discuss the role of Nitrogen in the biosphere.

Q. 3. Differentiate between the following terms:

- a. Nitrification
- b. Denitrification

Q. 4. Explain fungal pathogens and bacterial pathogens.

Q. 5. What do you understand by the terms biofertilizer and biotechnology.

Q. 6. Discuss the following:

- a. Conventional biotechnology.
- b. Multiplication.

Q. 7. State the disadvantages of micropropagation.