



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science
2020_2 Examination...

Course code: BIO311

Title: Mycology Units: 2

Time allowed: 2 Hours

INSTRUCTION: Answer question ONE (1) and any other THREE (3) questions

- 1a. What is the significance of the class Deutromycetes in the classification of fungi? (5marks)
- 1b. List at least six ways through which indirect transfer of infection of wring worm may occur (6marks)
- 1c. Describe Gamete-gametangial copulation in fungi (5marks)
- 1d. Name the four orders in the class Hymenomycetes (4marks)
- 1e. Write short notes on the characteristic features of Conidiospore (5marks)
- 2a. List the three genera of fungi that cause wring worm (3marks)
- 2b. Describe the disease Blastomycosis (12marks)
3. Discuss Sporotrichosis as one of the subcutaneous mycoses (15marks)
- 4a. Different grains have different saccharification processes; describe briefly saccharification in Barley (5marks)
- 4b. Write briefly on the somatic structures of the Chytrids (10marks)
- 5a. Discuss the use of zoospores in the primitive classification of fungi (6marks)
- 5b. Genus and Species are taxonomic units in the taxonomy of fungi, with specific examples, discuss the two units (9marks)