



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science
Department of Biological Sciences
Examination, 2022_1

Course code: BIO 311 Title: Mycology Units: 2
Time allowed: 2 Hours

INSTRUCTION: Answer question ONE (1) and any other TWO (2) questions

1a. Name 3 superficial and 3 subcutaneous mycoses (6marks)

Superficial mycoses

1b. In a tabula form and with example each, name the classes of fungi and their distinguishing characters(15marks)

1c. List the systematic nomenclature based on some characters that are used in Nigerian classification of fungi(6marks)

1d. What are the main objectives of Modern classification of fungi? (3marks)

2a. Name the possible organisms that cause Aspergillosis(5marks)

2b. Write notes on the mycosis called Aspergilloma (7marks)

2c. Taxonomy of fungi follows the recommendation of the committee on International Rules of Botanical Nomenclature (IRBN), discuss briefly binomial system of nomenclature(8marks)

3a. Hyphae are parts of the fungi features used in the classification, discuss the use of hyphae in the classification of fungi (7marks)

3b. 1c. Discuss The invasive aspergillosis (9marks)

3c. What are Deutromycetes? (4marks) 4a. Name five (5) antifungal drugs used in the treatment of ring worm (5marks)

4b. What are the characteristic features of conidiospores? (5marks)

4c. Discuss the process of planogametic copulation in fungi (10marks)

5a. List the typical symptoms of vaginal candidiasis (5marks)

5b. Discuss the disease Zygomycosis (15marks)