



**National Open University of Nigeria**  
**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja**  
**Faculty of Science**  
**2022\_2 EXAMINATION**  
**Course code: BIO 311      Title: MYCOLOGY      Units: 2**  
**Time allowed: 2 Hours**

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

- 1a. List five orders in the subdivision of Basidiomycotina (5marks)
- 1b. Name and describe the three groups of lower fungi (7marks)
- 1c. Describe the somatic structure of Chytrids (9marks)
- 1d. Name the 4 major fungal classes of interest (4marks)
2. Describe fully the class Ascomycetes (15 marks)
- 3a. Write on a named common genus of the class Zygomycetes (12)
- 3b. With an example, write briefly about Chlamydo spores (3marks)
- 4a. List the earlier criteria used in primitive classification of fungi (5marks)
- 4b. Critically examine the Nigerian classification of fungi (10marks)
- 5a. Write notes on Sporotrichosis (10marks)
- 5b. With examples, briefly describe Subcutaneous Mycoses (5marks)