

**National Open University of Nigeria**

**Plot 91, Cadastral Zone, NnamdiAzikiwe Expressway, Jabi - Abuja**

**Faculty of Science**

**DEPARTMENT OF PURE AND APPLIED SCIENCE**

**November/December 2018\_2 Examination**

**Course code: BIO 311 Course title: Mycology Units:2**

**Time allowed: 2 Hours**

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

**1**a. List the characteristic features used in Nigerian classification of fungi **(8marks)**

 b. Asexual reproduction does not involve the union of nuclei, cells or sex organs. List the various ways it may be accomplished **(5marks)**

 c. What are superficial mycoses? **(5marks)**

 d. Write on Tineanigra **(7marks)**

**2**a. Name three diseases of superficial mycoses **(3marks)**

 b. Discuss the classes of higher fungi and their distinguishing characteristics **(12marks)**

**3**a. Name the three types of diseases caused by fungi **(3marks)**

 b. Describe the structural features of the members of Ascomycetes **(12marks)**

**4**a. Write notes on types of hyphae used in fungi classification **(6marks)**

 b. Name three types of Aspergillosis and discuss one of them **(9marks)**

**5**. Discuss the discovery of Antibiotics **(15marks)**