



National Open University Of Nigeria
Plot 91, Cadastral Zone, NnamdiAzikiwe Expressway, Jabi - Abuja
Faculty of Science

SEPTEMBER 2020_1 EXAMINATION

Course Code: BIO 311

Course Title: MYCOLOGY

Instruction: Answer Question One (1) and any Three (3).

- 1a. Explain what it means by Gametangial copulation (3marks)
- 1b. What is saccharification? (3marks)
- 1c. Give the distinguishing characters of the different classes of fungi shown in the table below and give an example in each case (12 marks).

Fungi Class	Distinguishing Characters	Example
Chytridiocetes		
Oomycetes		
Zygomycetes		
Ascomycetes		
Basidiomycetes		
Deuteromycetes		

Each point in each Colum is 1mark = 12 marks

- 1d. Write briefly on the habitat of Chytridiomycetes (3marks)
 - e. List four Systemic or Deep Mycoses (4marks)
- 2a. Write notes on the disease Sporotrichosis (12marks)
 - 2b. Name the 4 drugs of choice used for the treatment of fungi diseases. (3marks)
3. Write short notes on the following (15marks)
 - a *Candida albicans*
 - b Yeast

4a. Write briefly on the discovery of Antibiotics. (10marks)

4b. What are lichens? (5marks)

5. Discuss in detail, production of wine from grapes. (15marks)