



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MARCH/APRIL 2014 EXAMINATION

COURSE CODE: BIO311

COURSE TITLE: MYCOLOGY

TIME ALLOWED: 2HOURS

INSTRUCTION: ANSWER FOUR QUESTIONS

1. a) Describe briefly the general characteristic features used in fungi classification
 b) Critically examine the relevance of Nigerian classification of fungi

2. a) Describe concisely the fruiting bodies of Ascomycetes and Basidiomycetes
 b) Of what significance are the Deuteromycetes in the classification of fungi?

3. a) Briefly describe the somatic structure of chytrids
 b) Describe the morphology of a named member of Class Zygomycetes
 c) How does budding occur in yeasts?

4. a) List the different types of asexual spores in fungi
 b) How is asexual reproduction accomplished by fungi?

- 5 a) what do you understand by the word “mycosis”?
 b) Describe in details superficial mycoses
 c) Write short note on;
 i Ringworm infection
 ii Superficial coccidioides
 iii Aspergillosis

- 6 a Describe the processes involved in beer production, using either “barley” or “rice”
 b List ten (10) products of fungi and the specific organisms involved in each of the product.