



**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA**

**SCHOOL OF LIFE SCIENCES  
DEPARTMENT OF MICROBIOLOGY**

**SECOND SEMESTER EXAMINATION 2014/2015 SESSION**

**COURSE CODE: MCB 322**

**COURSE TITLE: MYCOLOGY (3 UNITS)**

**CLASS: 300 LEVEL**

**Instruction: Answer any four (4) questions**

**Time: 2 Hours**

- 1(a). List the various types of mycosis with examples and their aetiological agents.
- 1(b). What are opportunistic fungal infections and why do we have to worry about them?
  
2. Write short notes on the following
  - (i) Cutaneous candidiasis
  - (ii) Blastodermatomycesis
  - (iii) Laboratory identification of Dermatophytes
  
3. An X-ray examination reveals that there is cavitation in the lung tissue, what are the possible fungi that could cause this and how will you identify them from the lung specimen?
  
- 4(a). Give detailed description of the Phylum *Ascomycetes* in terms of occurrence, distribution, characteristics, morphology and reproduction with examples
- 4(b). *Ascomycetes* make many contributions to the good of humanity and also have many ill effects. Discuss
  
- 5(a). The class *Deuteromycetes* are often referred to as imperfect fungi. Comment and enumerate examples of the edible imperfect fungi
- 5(b). Write a concise note on the economic importance of the fungi in the class *Deuteromycetes*
  
- 6(a). *Zygomycetes* are unique form of fungi. Discuss
- 6(b). Outline some of the diseases associated with various species of *Zygomycetes*.