



**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF LIFE SCIENCES
DEPARTMENT OF MICROBIOLOGY**

FIRST SEMESTER EXAMINATION 2016/2017 SESSION

COURSE CODE: MCB 513

COURSE TITLE: GENERAL TOXICOLOGY (3 UNITS)

CLASS: 500 LEVEL

TIME: 2 HOURS

Instruction: Answer four questions, at least two from each section

SECTION A

1. Write short notes on the following: Pyrrophyceae, Cyanophyceae and Chrysophyceae, carcinogens and lethal dose
2. Describe the following: Aflatoxins, Sterigmatocystin, Trichothecenes, *Corynebacterium diphtheriae*, and *Clostridium*
3. a. Explain the mechanism of drug resistance
b. The techniques of removal of toxic substances from patients

SECTION B

4. a. Highlight the factors that can predispose an individual to drug toxicity
b. write short notes on any two mechanisms of drug toxicity
5. With relevant examples discuss three natural toxicants and their effects on human body

~~6.~~a. Write short notes on different techniques that can be employed to manage acute drug toxicity

6.

b. What are the factors that modulate effects of toxicant in human body?