



FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF LIFE SCIENCES
DEPARTMENT OF MICROBIOLOGY
FIRST SEMESTER EXAMINATION, 2018/2019 SESSION
GENERAL TOXICOLOGY (MCB 513), 3 CREDIT UNITS

INSTRUCTION: Answer any five (5) questions.

TIME ALLOWED: 2

Hours

- 1(a). Mention the different types of mechanisms of drug toxicity and discuss any three of them
- 1(b). What are the factors that modulate the effects of toxicants in human body?
- 2(a). Describe the various techniques you would employ to manage acute drug toxicity.
- 2(b). Highlight the factors that can predispose an individual to drug toxicity.
- 3(a). Write short note on any three groups of mycotoxins highlighting their effects on humans.
- 3(b). In a tabular form, highlight the differences between exotoxins and endotoxins based on their properties.
4. Describe the Environmental and Health Risks associated with lead, cadmium and chromium.
- 5(a). Differentiate between biosorption and bioaccumulation of toxicants
- 5(b). How would you control influenza infections?
6. Discuss extensively the various effects associated with solvent poisoning.
- 7(a). Discuss three (3) factors that can influence the effect of pesticides on a given target site.
- 7(b). Enumerate and briefly discuss the types of interactions that occur between ionizing radiation and a living cell.