



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

FIRST SEMESTER EXAMINATION 2015/2016 SESSION

COURSE CODE: MCB 411

COURSE TITLE: IMMUNOLOGY AND IMMUNOCHEMISTRY (3 UNITS)

CLASS: 400 LEVEL

TIME: 2 HOURS

Instruction: Attempt any 4 questions

1. Explain hematopoiesis and the role of the primary lymphoid organs
2. Discuss the function of the immune system and explain why infections proceed to disease
- 3(a). Explain in details the classic pathway of complement activation
- 3(b). Enumerate the differences between the classic, alternative and mannan binding lectin pathways
4. Discuss secondary immune responses
5. Explain hypersensitivity and the possible implications on the health of an individual
6. Write an essay on antigen-antibody reaction