

OLABISI ONABANJO UNIVERSITY  
FACULTY OF BASIC MEDICAL SCIENCES  
DEPARTMENT OF BIOCHEMISTRY  
REM/O CAMPUS, IKENNE  
2014/2015 RAIN SEMESTER EXAMINATIONS

BCH 424- IMMUNOCHEMISTRY

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS. TIME ALLOWED: 2 HOURS

1. Write an essay on Immunopathogenesis of Human Immunodeficiency Virus (HIV) infection.
2. Write comprehensive notes on the 'complement system' in immune response.
3. What are immunoglobins? Discuss on the physicochemical, biological properties, synthesis and metabolism of immunoglobulins.
4. Explain the principle, technique and importance or applications of four named immunological techniques.
5. Discuss on the concept of hypersensitivity reactions and immune complex diseases.
- 6a. Write notes on the mechanisms of protection by antigen-antibody reaction in the body.

b. Explain different factors that can affect/determine Immunological state of an individual.

Immunological state of an individual is the balance state of having adequate response against infectious, and diseases and other biological invasions. Having adequate tolerance to avoid allergy and autoimmune diseases. Some individuals have the same immune system, some have very weak immune system. Some have very strong immune system.