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FACULTY OF BASIC MEDICAL SCIENCES  
DEPARTMENT OF BIOCHEMISTRY  
REMO CAMPUS, IKENNE

2013/2014 RAIN SEMESTER EXAMINATIONS

BCH 424- IMMUNOCHEMISTRY

10th Feb 2015

30 MINUTES

28/06/20

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

1. One of the major challenges facing most developing countries has to do with how to eradicate the AIDS/HIV infections. As a biochemist, explain the immunopathogenesis of this infection and proffer some measures to be taken to overcome this challenge.
2. Explain the term 'Hypersensitivity'. Hence or otherwise, enumerate reasons for the variability in the individual's response(s) to substances such as pollen grains or dust.
3. Write a comprehensive essay on the complement system in immune response.
4. What are immunoglobins? Discuss on the physicochemical and biological properties of immunoglobulins.
5. Explain the principle, technique and importance or applications of four named immunological techniques.
- 6a. Write notes on the theories of antibody formation. *Inductive selective*
- b. Compare and contrast the primary and secondary antibody responses. *Hypersensitive  
Antebody  
Incubate  
Serology  
Immune  
select*