



**CRAWFORD UNIVERSITY**  
**FAITH CITY, IGBESA, OGUN STATE.**  
**2016/2017 HARMATTAN EXAMINATIONS**

**COLLEGE: NATURAL AND APPLIED SCIENCES**

**PROGRAMME: MICROBIOLOGY**

**COURSE CODE: MCB 406**

**COURSE TITLE: EPIDEMIOLOGY AND PUBLIC HEALTH**

**COURSE UNIT: 3**

**TIME: 3 HOURS**

**INSTRUCTION: ANSWER FIVE QUESTIONS IN ALL, QUESTIONS ONE (1) AND TWO (2) ARE COMPULSORY.**

1. Discuss the different factors that affect emerging and re-emerging diseases. (15 marks)
- 2a. What do you understand by nosocomial infection?  
b. Discuss five different factors that make hospital patients more prone to infection than normal individuals. (15 marks)
- 3a. The total populace can be protected against infectious diseases if a particular proportion of the populace is immunized. Discuss this in details stating how this can be conferred against three named pathogens. (10 marks)
- 4a. Write concisely on the types of epidemic that you know.  
b. Give a detailed description of the different phases involved in disease progression. (10 marks)
- 5a. What is a disease reservoir?  
b. Distinguish between the different types of disease carriers giving a classic example of each. (10 marks)
6. What are the measures of control of infectious diseases? (10 marks)
7. Explain the term zoonosis with a named example. (10 marks)