



CRAWFORD UNIVERSITY
Faith City, Igbesa, Ogun State.

2016/2017 RAIN SEMESTER EXAMINATIONS
COLLEGE: NATURAL AND APPLIED SCIENCES
PROGRAMME: MICROBIOLOGY
COURSE CODE: MCB 206
COURSE TITLE: GENERAL MICROBIOLOGY II
UNIT: 3

TIMES: 3 HOURS

INSTRUCTION: ANSWER FOUR QUESTIONS IN ALL, QUESTIONS ONE AND TWO ARE COMPULSORY.

- 1a. What is growth?
- b. Discuss Microbial Growth in details.
- 2a. Explain 'Generation time'.
- b. If in 8 hours exponentially growing cell population increases from 5×10^6 cells/ml to 5×10^9 cells/ml, calculate g and n.
3. Write concisely on the different factors affecting microbial growth.
- 4a. List the different methods of measuring microbial growth.
- b. Discuss in details two methods and the advantages or disadvantages of these.
5. In your own words, discuss the importance of microorganisms to humans.