



# CRAWFORD UNIVERSITY

FAITH CITY, IGBESA, OGUN STATE

2016/2017 RAIN SEMESTER EXAMINATIONS

COLLEGE: NATURAL AND APPLIED SCIENCES

DEPARTMENT: BIOLOGICAL SCIENCES

PROGRAMME: MICROBIOLOGY

COURSE CODE: MCB 203

COURSE TITLE: BASIC TECHNIQUES IN MICROBIOLOGY

COURSE UNIT: 2

ALLOWED: 2 HOURS

INSTRUCTION: ANSWER ALL QUESTIONS

1. Identify the following specimens labeled A, B, C, D and E.
2. F,G,H,I,J. are laboratory tools. Name each and state one of its functional properties in Microbiology Laboratory.
3. What is Gram staining technique? Describe the procedure and the function of Ethanol in the process.
4. What is the principle behind Gram's reaction?
5. Describe step by step method used in diagnosis of *plasmodium falciparum*
6. Describe the principle behind the Autoclave.
7. What are the specific names of the contents on plates K,L,M and N and state the function of each.