



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
JANUARY/FEBRUARY 2013 EXAMINATION**

CHS 303: Introduction to Clinical Laboratory Techniques (2 units)

Time: 2Hours

Read the questions carefully. There are six questions to answer four. All questions carry equal marks (25%) each.

QUESTION 1

- a. Define the following: Electrophoresis, Optical Techniques, Chromatography, A microscope and Centrifugation (10 marks)
- b. How do you carry out urine pregnancy test using pregnancy test strips? (15 marks)

QUESTION 2

- a. Explain in details the phrase clinical examination. (15marks)
- b. What is Medical Tests? (10marks)

QUESTION 3

- a. Describe the two groups of diseases you know. (13marks)
- b. Describe some tests that require overnight test. (12marks)

QUESTION 4

- a. Write a short note on blood for laboratory test. (8 marks)
- b. Describe the different urine specimens you know? (17marks)

QUESTION 5

- a. With the use of a table, describe the internationally accepted colour codes for blood specimen containers for laboratory tests. (25 marks)

QUESTION 6

- a. List some important techniques employed in the clinical laboratory analysis (4marks)
- b. Discuss the four major divisions of clinical laboratory. (21 marks)