



ELIZADE UNIVERSITY, ILARA-MOKIN
FACULTY OF BASIC AND APPLIED SCIENCES,
DEPARTMENT OF PHYSICAL AND CHEMICAL SCIENCES
(BIOCHEMISTRY OPTION)
FIRST SEMESTER EXAMINATION (2016/2017 SESSION)

COURSE: BCH 403 (CLINICAL AND FORENSIC BIOCHEMISTRY)

TIME ALLOWED: 2 HOURS, 30 MINUTES

HOD SIGNATURE:

A handwritten signature in black ink, enclosed in a rectangular box.

Instructions: Answer four (4) questions in all. Select any two (2) questions from section A with the two (2) questions in section B

SECTION A

- (1) Diagnostic enzymes help in making diagnosis and early detection of diseases. Discuss.
- (2) Describe a method of extracting and purifying a named antibiotic.
- (3a) Describe blood contaminants and explain how they can be removed from tissues of interest.
- (3b) List and write short notes on abnormal constituents of urine.

SECTION B

- (4) Describe the methods of collection and preservation of forensic materials for;
 - i) Physical evidence
 - ii) Biological evidence
- (5a) Scientific method is an important component of the forensic sciences. Explain.
- (5b) State five forensic science specialties and their specific roles.
- (5c) Describe the elements of forensic evidence analysis.