

DEPARTMENT OF BIOCHEMISTRY
FACULTY OF BASIC MEDICAL SCIENCES
OLABISI ONABANJO UNIVESITY
REMO CAMPUS, IKENNE

FIRST SEMESTER EXAMINATION 2013/2014 SESSION

Course Code: BCH 409

Course Title: Genetic Engineering

Date: 31/10/14

Instruction: Answer any FOUR questions

Time Allowed: 2 Hours

1. Write short notes on:
 - i. Southern blotting. ✓
 - ii. ELISA technique ✓
2. List the various classes of enzymes engaged in gene cloning and describe the function(s) of each.
3. Describe a method for screening and isolating a desired clone in genomic library. ✓
4. List the vectors utilized in gene cloning and state the merit and demerit in each case. ✓
5. How would you set up a cDNA library containing insulin gene.