## OLABISI ONABANJO UNIVERSITY,

## FAFEMI AWOLOWO COLLEGE OF H

FACULTY OF BASIC MEDICAL SCIENCES, IKENNECAMPUS,

Course code: BCH 422 Course Title: Industrial Biochemistry Session: 2016/2017

Part 1: Theory

Instruction: Answer question 1 and any other 2 questions.

Time Allowed: 1 Hour 30 mins

- 1 (a) State the factors that necessitate the modification of native antibiotics
- (b) List the different classes of antibiotics
- (c) Describe the industrial production of ampicillin from penicillin

2. Trace the pathway of glycerol production by yeast fermentation

Explain an enzymic process by which fermentable sugars can be derived from com

Describe a process by which lager beer can be produced from a named local material

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