

OLABISI ONABANJO UNIVERSITY,

OBAFEMI AWOLOWO COLLEGE OF HEALTH SCIENCES

FACULTY OF BASIC MEDICAL SCIENCES, IKENNECAMPUS,

Course code: BCH 422 Course Title: Industrial Biochemistry Session: 2015/2016

Part II: Theory

Instruction: Answer ANY TWO questions.

Time Allowed: 1 Hour

1. In a beer loving nation where barley hardly grows, what would be the prospects and challenges of lager beer production? Describe an innovative production process for beer production in such a nation.
2. Describe the basic features of a bioreactor and justify the essence of inclusion of each of the features.
3. (a) State the factors that necessitate the modification of native antibiotics  
(b) Enumerate the different classes of antibiotics you know.  
(c) Describe one of the methods of industrial production of ampicillin.