



**DEPARTMENT OF MICROBIOLOGY  
FIRST SEMESTER EXAMINATION,  
2022/2023 ACADEMIC SESSION**

**COURSE TITLE: ENTREPRENEURSHIP II**

**COURSE CODE: MCB517**

**UNIT: 2 UNITS**

**INSTRUCTIONS:** Answer **any THREE** questions.

**Time Allowed: 1hr 30mins**

**DATE/TIME: 6<sup>TH</sup> SEPTEMBER, 2023/3:00PM**

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1. How would you use effective microorganisms to boost agricultural productivity in Niger State?
2. You are provided with five milligrams (5 mg) of Amoxicillin, describe how to prepare discs of 40 micrograms potency assuming that each disc can absorb 20 microliters of the drug suspension. How many discs can you prepare from the 5mg of Amoxicillin?
3. Carry out a SWOT analysis of the Department of Microbiology laboratory, Federal University of Technology, Minna, assuming that it is a diagnostic laboratory.
4. (a). Briefly explain five applications of microbial entrepreneurship.  
(b). As an entrepreneur in Pharmaceutical Microbiology, how can you actualize your business idea?
5. Write notes on **ANY TWO (2)** of the following:
  - i. Single cell protein (SCP)
  - ii. Biogas
  - iii. Mushroom.