

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
DEPARTMENT OF PLANT BIOLOGY

MTECH SECOND SEMESTER EXAMINATION 20182019 COURSE CODE: BOT 720

COURSE TITLE: INDUSTRIAL MYCOLOGY

CREDIT UNIT: 3

TIME ALLOWED: 3 HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS

1. a. What is fermentation system?
b. Write notes on:
i. solid state fermentation ii. Batch fermentation iii. Continuous cycle fermentation
2. Fungi are very important in food making process. Discuss
3. "Fungi and drug are inseparable" Justify
4. a. Describe the role of fungi in enzyme production and their applications in food industry.
5. Explain in detail mushroom cultivation
6. Succinctly examine the negative and positive roles of fungi in agriculture