

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
DEPARTMENT OF PLANT BIOLOGY

MTECH SECOND SEMESTER EXAMINATION 2018/2019 COURSE CODE: BOT 721

COURSE TITLE: FUNGI GERMINATION AND SPORULATION

CREDIT UNIT: 3

TIME ALLOWED: 3 HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS

1. a. Succinctly write on stages of germination of spores in fungi
b. What factors are necessary for the germination of spores in fungi?
2. a. What is dispersal of spores?
b. Write notes on various methods of spore dispersal in fungi.
3. a. What is sporulation?
b. i. Explain factors that influence the type of sporulation
ii. What is the purpose of sporulation in fungi?
4. a. Write notes on general characteristics of fungi spores.
b. With the aid of diagrams describe the diversity in structures of fungal spores.
5. a. Give detail classification of fungi spores.
b. Write concisely on asexual and sexual types of spores produced in fungi
6. Write notes on methods for measuring fungal growth