

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

DEPARTMENT OF PLANT BIOLOGY

MTECH SECOND SEMESTER EXAMINATION 2017201 COURSE CODE: BOT 721

COURSE TITLE: FUNGI GERMINATION AND SPORULATION

CREDIT UNIT: 3

TIME ALLOWED: 3 HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS

1. Succinctly examine the roles of the following in the dispersal of fungi spores
  - i. Gravity
  - ii. Wind
  - iii. Water
  - iv. Animal
2. Differentiate between the following pairs:
  - a. Spores germination and sporulation in fungi
  - b. Sexual and asexual spore in fungi
3. Describe how spore structure, germination and dormancy affect dispersal of fungi
4. Write notes on factors that influence growth and germination of fungi spores
5. Describe methods used for measuring fungal growth.