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NEPSA—2012—2025

FACULTY OF SCIENCE

B.Sc. (NEP) (First Year) (Second Semester) EXAMINATION

APRIL/MAY, 2025

BOTANY

(SBOTCT-1151)

(Fungi, Lichens and Mycorrhiza-II)

(Tuesday, 15-4-2025)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Q. No. 1 is compulsory.

(ii) Of the remaining attempt any three questions.

(iii) Draw neat and labelled diagram wherever necessary.

1. Write brief notes on the following : 10
 - (a) Occurrence of eurotium.
 - (b) Systematic position of Agaricus.
 - (c) What are Lichens ?
 - (d) Nature of association in mycorrhiza.
2. Describe structure of mycelium and asexual reproduction in Albugo. 10
3. Explain in detail structure of basidiocarp with well labelled diagram. 10
4. Give an account on types of Lichen. 10
5. Give general characters and classification of Mycorrhiza. 10

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6. Write in brief :

10

- (a) Fungal Nutrition
- (b) Leaf spot of Tomato
- (c) Role of Lichen in soil formation
- (d) Economic importance of Mycorrhiza.

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