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VA—30—2024

FACULTY OF SCIENCE AND TECHNOLOGY

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

NOVEMBER/DECEMBER, 2024

(New Pattern)

BOTANY

Paper—III

(Bryophytes, Pteridophytes, Gymnosperms and Paleobotany)

(Friday, 6-12-2024)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt all questions.

(ii) Draw well labelled diagrams wherever necessary.

1. Describe external and internal structure of sporophyte of Funaria. 15

Or

Write in brief :

(a) Classification of Bryophytes (As per N.S. Parihar). 8

(b) External structure of gametophyte of Lycopodium. 7

2. Describe the process of fossilization. Add a note on types of fossils. 15

Or

Write in brief :

(a) T.S. of Cycas pinna. 8

(b) Bennettitales (flower). 7

P.T.O.

3. Write short notes on any *two* of the following (each of 5 marks) : 10

- (a) Economic importance of Bryophytes
- (b) General characters of Pteridophytes
- (c) Structure of Pinus female cone
- (d) Geological time scale.