

2024
(Session : 2022-26)

Time : 3 hours

Full Marks : 60

*Candidates are required to give their answers in
their own words as far as practicable.*

The figures in the margin indicate full marks.

Answer from both the Groups as directed.

Group – A

(Compulsory)

1. Very short-answer type questions : $1 \times 5 = 5$
- (a) Lichens were first discovered by _____.
- (b) Gemma cup is found in _____.
- (c) Define Heterospory with example.

- (d) Ginkgoales are placed in which plant group?
Give one example of it's species.
- (e) What do you mean by Fossilization? Explain.
2. What are Lichens? Give an account of it's economic importance. 5
3. Discuss alteration of generation in Bryophytes with suitable example and well labelled diagram. 5

Group – B

Answer any **three** questions of the following :

15×3 = 45

4. Give the general characteristics of Lichens, and its reproduction with well labelled diagram.
5. Give an account of the morphology, anatomy, reproduction and alteration of generation of Marchantia with well labelled diagram.
6. Discuss Telome theory and Stelar evolution in Pteridophytes with suitable example and diagram.

BK – 3/2

(2)

Contd.

7. Give an account of the general characteristics, classification, morphology, anatomy and life cycle of Pinus.
8. What do you understand by Fossils? Discuss the types of fossils, the process of fossilization and its significance.

BK – 3/2 (600)

(3)

FYUESE(II) – Bot
(MJ – 2)