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PG/IIS/BOT/206/25

M. Sc. 2nd Semester Examination, 2025

BOTANY

(Environmental Biology and Phytogeography)

PAPER – BOT-206

Full Marks : 25

Time : 1 hour

Answer all questions

The figures in the right hand margin indicate marks

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

GROUP—A

Answer any two questions from the following :

2 × 2

- 1. What is Keystone species ?**
- 2. Define alpha and beta diversity.**

(Turn Over)

(2)

3. Where was Chipko movement initiated and in which year ?
4. Differentiate between *in-situ* and *ex-situ* conservation approaches.

GROUP - B

Write short notes on any two from the following : 4 × 2

5. Bishnoi movement
6. Ramsar sites
7. Greenhouse gases
8. Silent valley movement in India.

GROUP - C

Answer any one question from the following : 8 × 1

(3)

9. Briefly describe salient features of the Chipko and Appico movements. 8
10. What are ozone depleting substances ? What is ozone layer depletion ? What measures should be taken to solve the problem of ozone depletion ? 2 + 3 + 3

[Internal Assessment — 05 Marks]

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