

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

(Very Short-answer Type Questions)

(Compulsory)

1. Answer the following questions : 1×5 = 5
- (a) What is Nomenclature ?
 - (b) Define the term Species.
 - (c) What are Hydrophytes ?
 - (d) What do you mean by the term Pedogenesis ?
 - (e) Define the term Climax community.

(Short-answer Type Questions)

2. List the processes involved in Nitrogen cycle. 5
3. Explain ten percent law of flow of energy. 5

Group – B

(Long answer Type Questions)

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

15×3 = 45

4. Describe, in brief, about phytogeographical regions of India.
5. Illustrate the process of succession in Hydrosere.
6. Write the taxonomic significance of morphology and anatomical evidences.
7. Give an account of the classification given by Bentham and Hooker.
8. Write short notes on any **two** of the following :
 - (a) Ecological pyramid
 - (b) Principle of ICN
 - (c) Herbarium
 - (d) Xerophytes

