

**B.Sc. SEM-3 (Hons) Examination, 2021**

**Subject-Botany (Honours)**

**Paper-CC-V**

**Plant Ecology and Phytogeography**

**Full Marks-40**

**Time- 2 hrs**

**Answer any eight questions from the following:**

**5 X 8 = 40**

1. Give an account on the relation between soil texture and vegetation.
2. Discuss the role of light as a factor in ecological formation
3. Describe various components of an ecosystem
4. Distinguish between Symbiosis and Parasitism
5. What is meant by plant succession? How succession develops in a particular area?
6. Give a short note on carbon cycle.
7. What do you mean by ecological pyramids? Discuss with examples and diagrams
8. Describe in brief the factors responsible for Endemism
9. Provide an overview on the vegetation characteristics of Eastern Himalayas
10. Briefly describe the characteristic features of tundra biome.

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