

Roll No. ....

Total Pages : 3

**713/MH**

**C-2050**

**PLANT ECOLOGY**

Paper–XI

Semester–VI

Time Allowed : 2 Hours]

[Maximum Marks : 40

**Note :** Attempt any **four** questions. All questions carry equal marks.

1. What are various Environmental factors ? Explain in detail about Climatic and Biotic factors.
2. What is Population ecology ? Brief down the characteristics of positive and negative interactios.

3. Give detailed account on Ecological succession (Xerosere).
4. Give brief account on structure and concept of :
  - (i) Food chain.
  - (ii) Food web.
5. What is Global warming ? Give detailed account on Ozone depletion.
6. Write down the account for various Vegetation types of India.
7. Give detailed account on Ecological adaptations in Hydrophytes.
8. Draw Biogeochemical cycle with particular reference to Nitrogen.

9. Write short notes on the following :

(i) Shelfords law of Tolerance.

(ii) Ecotypes.

(iii) Ecological pyramids.

(iv) Halophytes.

(v) Pollutant.

(vi) Ecads.

(vii) Wetland.

(viii) Ecological productivity.