Time – 1 ½ hours   Max. marks = 35

A. Define any <u>FIVE</u> of the following in two or three sentences   5 × 2 = 10
1. Law of Tolerance
2. Interdependence
3. PAN
4. Tropospheric ozone
5. Fluidised bed combustion
6. Raunkiaer's Frequency class
7. Fidelity in a plant community

B. Write critical notes on any <u>THREE</u> of the following   3 × 5 = 15
8. Characteristics of an ecosystem
9. Objectives of Environmental Education
10. Effects of acid rain
11. Causes of ozone depletion and mechanism of destruction of ozone
12. Quadrat method

C. Give a comprehensive account of any <u>ONE</u> of the following   1 × 10 = 10
13. Qualitative characters of a plant community
14. Give an account on hoemostasis in ecosystem and its significance