

B.Sc. III- BOTANY (Paper-Second), 2011
(Plant and Ecology)

नोट-सभी खण्डों से प्रश्नों के उत्तर दीजिये।

Note : Attempt questions from all Sections.

खण्ड - अ (Section - A)

लघु उत्तरीय प्रश्न

(Short Answer Type Questions)

Note : Attempt any ten questions. Each question carries equal marks.

1. How light effects distribution of plants.
2. What do you understand by thermal stratification? Give example.
3. Differentiate between Lianas and epiphytes.
4. Write notes on Tropical moist deciduous forest of India.
5. What are transported soils? Give their types.
6. What do you mean by long short day and short-long day plants? Discuss with examples.
7. Differentiate between Emigration and Immigration.
8. Write notes on Tolerance in a population.
9. What is photoperiodism? Give examples.
10. Explain Pyramid of biomass a nature.
11. Write short notes on soil profiles.
12. Describe briefly physiological adaptations of Xerophytes and Mesophytes. <http://www.upadda.com>
13. Discuss Pedogenesis with suitable examples.
14. Write short notes on proces of physical and chemical weathering.
15. Differentiate primary and secondary sucession.

Section - B

(Long Answer Type Questions)

Note : Attempt any two questions in detail. Each questions carries fifteen marks.

1. What do you understand by biological cycle? Describe it in details.
2. What do you understand by biological regions? Name of the botanical regions of India. Describe the vegetation of Western Himalayas.
3. What do you mean by succession? Describe various stages of hydrosere.
4. What do you mean by ecotype and biotype? Describe what you know about ecotypes.

