

The submission of the assignment has to be completed by the students on or before 07.08.2020 on the site www.sbdeorahonline.in in PDF Format Only.

TDC 2nd Semester (Regular),2020

Paper Code- BOT RC 2016

Paper Name – Plant Ecology and Taxonomy

Total Marks- 50

1. Answer the following questions- (1x5=5)
 - i. State Shelford Law of tolerance.
 - ii. Give an example of Hydrophytic and Xerophytic Plant.
 - iii. What is niche?
 - iv. What is taxon?
 - v. The final stage in ecological succession is called?

2. Write short notes on (2x5=10)
 - i. Principle of Priority.
 - ii. Factors involved in plant succession.
 - iii. Numerical Taxonomy.
 - iv. Soil as triggering factor.
 - v. Types of endemism.

3. Answer the following (3x5=15)
 - i. Define herbarium and write its function.
 - ii. Discuss the energy flow in an ecosystem.
 - iii. Write the taxonomic evidence of Cytology.

4. Answer the following (2x10=20)
 - i. Write the Bentham and Hooker's system of classification. Also write its merits and demerits?
 - ii. Write about the different phytogeographical zones in India.