

M.Sc. Semester - IV Theory Examination

- 9 APR 2019

Paper - XIII Botany (Life Sciences)

Plant Ecology (April-2019)

Time: 2:30 Hour

Subject code: 3698

Total Marks: 70

INSTRUCTIONS: (1) Draw a labeled diagram where ever it is necessary.

(2) Figure on right side indicates marks of question.

Q.1 (a) Write a note on Raunkiaer's life form. 07

(b) Write a note on Biological spectrum. 07

OR

Q.1 Describe the Methods for studying Plant community. 14

Q.2 (a) Write a note on Soil Profile. 07

(b) Write a note on Soil Classification. 07

OR

Q.2 Write a note on Origin and Formation of Soil. 14

Q.3 (a) Write a note on Ecological pyramids. 07

(b) Write a note on Food chain. 07

OR

Q.3 Describe Biotic and Abiotic components of Ecosystem. 14

Q.4 (a) Write a note on Green house gases. 07

(b) Write a note on Pond ecosystem as a Fresh water ecosystem. 07

OR

Q.4 Write a note on Phytoremediation. 14

Q.5 (a) Write a note on Mortality and Natality in population ecology. 07

(b) Write a note on Population growth curves. 07

OR

Q.5 Write a note on fluctuation and Equilibrium in population. 14