

M.Sc. Botany (Life Science)
Semester – IV - Theory Examination
Paper – 13: Plant Ecology - 3698
Month APRIL Year 2017

Time: 2.30 Hrs

Code No. 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 Describe raunchier life form. (14)

OR

Q.1 (a) Explain biological spectrum. (07)

(b) Describe phytosociological characters of plant communities. (07)

Q.2 Explain soil erosion. (14)

OR

Q.2 (a) Explain and draw soil profile. (07)

(b) Describe soil conservation. (07)

Q.3 Write on the biogeochemical cycles. (14)

OR

Q.3 (a) Describe food chain. (07)

(b) Explain ecological pyramids. (07)

Q.4 Write a note on fresh water ecosystem. (14)

OR

Q.4 (a) Explain green house effect. (07)

(b) Explain causes and effect of ozone hole depletion (07)

Q.5 Explain age structure and mortality. (14)

OR

Q.5 (a) Describe biotic potential. (07)

(b) Explain density and dispersion in population ecology (07)