



Eastern University, Sri Lanka
External Degree Programme
Third Year Examination in Science-1996/97
(June/August, 2004)(Re-repeat)

EXTBT 301 &302, Quantitative Ecology and World Vegetation

Time: 3 hrs Answer any Five questions selecting at least Two from each part

PART A

- 1) a) List the types of grassland in Srilanka.
b) Indicate the climatic zones where they found.
c) Briefly describe the features of one of the grasslands in Srilanka.
- 2) Write short notes on the following:
 - a) Taiga.
 - b) Frequency measures.
 - c) Quadrant.
- 3) Give brief account on,
 - a) Home garden systems in Srilanka.
 - b) Density in plant ecology.
- 4) a) What do you mean by "Sampling" and explain it.
b) Discuss any two methods of sampling.
c) Indicate their merits and demerits of you mentioned in (b).

PART B

- 5) a) List the types of Tropical Biomes.
b) Explain briefly, the features of one of the biomes that you mentioned in (a).
- 6) Distinguish between,
 - a. Cold desert and hot deserts.
 - b. Destructive and Non-destructive measures.
 - c. Domin scale and Braun-blanquet scale.
- 7) Explain the statements:
 - a)"Epiphytes are common in rain forests".
 - b)"Cover measure is preferred in the study of grass land".
 - c)"RCBD has more advanced features than CRD".
- 8) a) List the Azonal vegetation types in Srilanka.
b) Briefly describe the features of one if the types you mentioned in (a).