

Eastern University, Sri Lanka



External Degree Examination in Science  
Third Year Second Semester Examination in Science 2008/2009 (March/April 2016)

EXTBT 303, Quantitative Ecology and World Vegetation

Answer all questions

Time: 01 Hour

(1) Write suitable answers for the following

- a) What is sampling?
- b) What should be recorded within a quadrat when sampling?
- c) Why Taiga Biome not present in the southern hemisphere?
- d) "Tropical rain forest soils are poor". Explain
- e) List the advantages of plot-less sampling technique than random quadrat sampling.
- f) How blocks are developed when designing RCBD? Explain the reason/s?
- g) Briefly explain different plotless sampling techniques in ecological studies.

(30 minutes)

(2) (a) Briefly describe the characters of plants in Tundra for its successful survival.

- (b) Compare CRD and RCBD in designing experiments
- (c) "Sampling needs commonsense". Explain

(30 minutes)