

Eastern University, Sri Lanka

Third Year special repeat Examination in Biological Sciences 2012/2013.
Second Semester Examination in Science



BT 303, Quantitative Ecology and World Vegetation

Answer all Questions

Credit (s): 01

Time: 01 Hour

- (a) List major changes of the biomes that take place from Equator to North pole
 - (b) "Quantitative measures are meaningful", explain
 - (c) How does the size of the plant matters when using quadrat in quantitative Ecology?
 - (d) List different sampling techniques in plant studies
 - (e) Coniferous forest/Taiga is found in the northern hemisphere but not in the southern hemisphere, Explain
 - (f) List common features (climatic) of the biomes Desert and Tundra
- (30 minutes)

- (a) Briefly explain the characteristic features of the plants in tropical rain forest
- (b) "Sampling needs lot of commonsense", explain.
- (c) Compare CRD and RCBD in designing experiments

(30 minutes)