

Eastern University, Sri Lanka

External Degree Examination in Science

Third Year Second Semester Examination in Science-2010/2011 (April/May2017)

EXTBT 303, Quantitative Ecology and World Vegetation  
Special repeat Examination

Answer All Questions

Credit: 1

Time: 01 Hour

1. (a) What is a quadrat? List the important features of a quadrat while selecting it during quantitative vegetation studies.  
(b) "Tundra and desert share common plant characters", explain the reasons.  
(c) List different sampling techniques in plant studies  
(d) "Quantitative measures are meaningful", explain  
(e) Why blocks are laid perpendicularly, to the direction of predictable gradient of variation, during designing RCBD?
2. (a) Differentiate simple random sampling from stratified random sampling, with suitable example.  
(b) "Species diversity of Biomes is reducing from equator towards polar regions", Explain