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Eastern University, Sri Lanka

Third Year First Semester Examination in Science - 2003/2004 (Jan/ Feb 06)

BT 301 Quantitative Ecology and World Vegetation

Answer all questions

Time: One hour

1. a) List **three** methods used and the principles involved in each, for the detection of randomness in vegetation.

b) List **three** differences between the following pairs;

i) CRD and CRBD

ii) Qualitative and Quantitative assessment

iii) Tundra and Desert

(50 marks)

2. a) Explain the following statements;

i) Savannah trees have thick barks

ii) Major deserts are at 30 degree latitudes

iii) Frequency is not an absolute measure

b) Give a brief note on the Taiga vegetation.

(50 marks)