



RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES

Bachelor of Science Honours in Applied Biology
Fourth Year – Semester I Examination – July/August 2023

BDC 4202 – WETLAND CONSERVATION AND MANAGEMNET

Time: Two (02) hours

Answer ALL questions.

1. a) Discuss the significance of establishing a precise definition of the term “wetland”.
(50 marks)
b) Compare and contrast the properties of the organic and mineral soils of wetlands, citing suitable examples.
(50 marks)
2. Give a detailed account of the Sulphur cycle in wetlands.
(100 marks)
3. Design a comprehensive wetland management plan for a specific degraded mangrove wetland, with special reference to following aspects:
 - a) Identify the key stakeholders.
 - b) Outline conservation objectives.
 - c) Propose feasible restoration strategies that consider ecological, social and economic aspects of wetland management.
(100 marks)
4. Explain briefly the following topics relevant to wetlands:
 - a) Redoximorphic features
(50 marks)
 - b) Seed dormancy
(50 marks)

---END---