

THE OPEN UNIVERSITY OF SRILANKA
POST GRADUATE DIPLOMA IN ENVIRONMENTAL SCIENCES
LEVEL 7 – FINAL EXAMINATION 2006/07
NEP 2209 – AQUATIC RESOURCES AND THEIR
MANAGEMENT



DURATION – 3 HOURS

DATE: 25.11.2007

TIME: 9.30 a.m. – 12.30 p.m.

Answer any **four (4)** questions

1. Briefly describe the unique properties of water considering it as a 'living medium'.
2. (i) Explain how water retains underground.
(ii) Discuss the groundwater pollution issues in Sri Lanka.
3. Write an essay on 'Mangroves and their Management Problems'.
4. (i) Describe the factors that lead to coastal erosion in the southwestern region of Sri Lanka.
(ii) Explain the management practices established to protect the coastal area.
5. Discuss the interferences of humans with respect to the ecological balance in Rekawa lagoon.
6. (i) Briefly describe the importance of the coral ecosystem.
(ii) Discuss human influences on the coral ecosystem of Sri Lanka.
7. Write short notes on any **two (2)** of the following:
 - (a) Classification of lakes based on thermal stratification
 - (b) Surface water issues in Sri Lanka
 - (c) The marine fishery resources of Sri Lanka

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