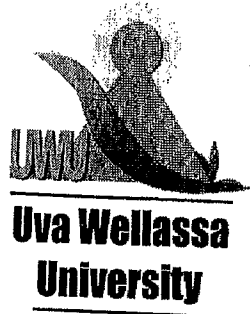




Uva Wellassa University, Sri Lanka
End Semester Examination – February/ March 2012
MRT 251-1 Water Resources (Repeat)



Time: One (01) hour

Total 03 Questions
Answer all questions
Draw Sketch diagrams where necessary

- 01) Explaining each components of the hydrologic cycle, discuss the water budget of a basin with respect to future climatic changes.
(40 marks)
- 02) (i) Critically evaluate water scarcity index.
(ii) Describe followings
(a) Effective porosity
(b) Confined aquifer
(c) The disease induced by Guinea Worm (Dracunculiasis)
(30 marks)
- 03) What are the modifications that you would suggest if you are consulted to implement SUDS in Sri Lanka?
(30 marks)