

EASTERN UNIVERSITY, SRI LANKA

FINAL YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE- 2012/13

(March/April 2015)

AE 4110 – WATER QUALITY FOR AGRICULTURE (2: 15/30)

Answer all Questions

Time: One hour

- 1) (a) What are the criteria used to evaluate the irrigation water quality and classify the irrigation water based on those criteria.
 - (b) Write short notes on the followings
 - (a) Factors affecting the pH of water
 - (b) Factors affecting Nitrate concentration in water
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- 2) (a) (i) What do you mean by Hard water and soft water
 - (ii) Briefly describe the effect of excess concentration of phosphate and nitrate in water body
 - (b) Discuss about the water quality related problems in irrigated agriculture