

EASTERN UNIVERSITY, SRI LANKA

FINAL YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE- 2013/14

(September/October 2015)

AE 4104 – ADVANCED WATERSHED MANAGEMENT (2: 15/30/45)

(PRACTICAL EXAMINATION)

Answer all Questions

Time: Two hours

Index No: _____

01. Discuss the steps involved in watershed management with the specific problem/example. (25 minutes)
02. Write short notes on the followings; (15 minutes)
- a. Coding of the watershed
 - b. Socio economic factors affecting watershed characteristics
03. Write a proposal to improve the watershed area based on your field visit during your study (follow the guidelines and contents of the watershed workplan) (35 minutes)
04. Explain about the causes of the watershed deterioration. (15 minutes)
05. Give the control measures against stream bank erosion and gully erosion. (10 minutes)
06. (a) Why the rainwater harvesting is important in a watershed area? (5 minutes)
- (b) Briefly discuss about the advantages and disadvantages of rainwater harvesting (15 minutes)