



Uva Wellassa University
Faculty of Animal Science & Export Agriculture

B.Sc. in Export Agriculture

End Semester Examination – August/September 2014
Year II Semester I



Land Reclamation Engineering EAG 246-0

Instructions

Answer **all** questions

No. of questions : Two (02)

No. of pages : One (01)

Time : One hour (1 hr)

Total marks allocated: 100 %

Question 01

Write short notes on following.

- (a) Soil acidity pools
- (b) Causes and characteristics of soil alkalinity
- (c) Classification of salt affected soils

(50 marks)

Question 02

I. Write short notes on following.

- (a) Erosivity
- (b) Erodibility
- (c) Soil loss tolerance

(15 marks)

II. Briefly discuss the different strategies adopted in soil conservation.

(15 marks)

III. Assume that the average soil loss of a 2% slope and 60 m long land is 0.33RKCP. If the degree of slope increases from 2% to 10% keeping other factors constant, what will be the relative increase of soil erosion?

(20 marks)