

BSc in Export Agriculture
Fourth Year First Semester Examination– July 2018
Agricultural and Food Waste Utilization Technology (EAG 441-2)
Essay Questions

Instructions:

Answer all questions in the given booklet.

No. of questions : Four (04)

No. of pages : One (01)

Time : Two (02) hours

Total marks allocated : 100%

01. A reputed company in Sri Lanka is going to establish a livestock farm in rural area. Suggest waste management plan to minimize the waste generation in above mentioned farm.

(25 marks)

02. Wastewater treatment is mandatory process in many food and agricultural based industries before discharging waste to the environment. Discuss the major steps of wastewater treatment process.

(25 marks)

03. Briefly explain, how the knowledge of waste hierarchy in waste management is applied in food processing industries.

(25 marks)

04. Write short notes on any two (02) of the following topics.

(I) Composting

(II) Incineration

(III) Pyrolysis

(12.5 marks×2 = 25 marks)

[End of Paper]