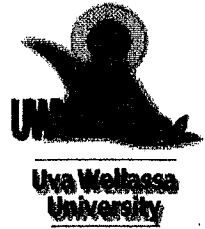


Uva Wellassa University
Faculty of Animal Science & Export Agriculture

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



Agricultural Farm mechanization (EAG 202-2)

Instructions

Answer **all** questions

No. of questions : Four (04)
No. of pages : Two (02)
Time : One (01) Hour
Total marks allocated : 60%



PART II – ESSAY

Question 01

Explain the functioning mechanism of the ignition system of an engine with appropriate diagrams (15 marks)

Question 02

- a) Define the term “Homogenization”
- b) Briefly explain cream separation mechanism in a dairy processing plant using a centrifugal cream separator (15 marks)

Question 03

Discuss the importance of following

- a. Selection of ploughs
- b. Optimum time for ploughing
- c. Depth of ploughing (15 marks)

Question 04

(a) Compare and contrast the air cooling system and the liquid cooling system

(b) Explain the functioning mechanism of a liquid cooling system of an engine with appropriate diagrams. (15 marks)