

UGANDA MARTYS UNIVERSITY

FACULTY OF AGRICULTURE

Bachelor of Science in General Agriculture Year 2 (DLP)

Module: OA 10/AG 8 Appropriate Agro-Mechanization
Supplementary 2014

Instructions:

Read and understand the questions before answering.

Answer any Four (4) questions

All questions carry equal marks

Start each answer on a separate answer sheet

- 1 a) Identify and discuss the different sources of power available on a farm

b) In your own view, do you think human power can be eliminated completely on the farm? Give your reason for your answer.
2. With the aid of a diagram, describe the functions of the components of a tractor drawn disc plough.
3. a) Describe the various methods of applying granular fertilizers.

b) What are the safety precautions that a farmer should follow while applying liquid inputs on the farm?
4. Explain the challenges involved in mechanizations of agriculture in Uganda. How can the challenges be overcome?
5. Describe the main features of trickle irrigation system.
6. a) Outline the importance of having buildings on the farm.

b) Explain the importance of the components of a cattle dip
7. a) Give reasons why it is necessary to process the agricultural products.

b) Outline the various activities involved in processing of agriculture produce.
8. Describe the functions of the main parts of cabinet solar drier, Give advantages of this type of solar drier.