UGANDA MARTYRS UNIVERSITY

FACULTY OF AGRICULTURE

Examinations 2013-2014

Bachelor of Science in Agriculture Year 1
Bachelor of Science in Organic Agriculture Year 1

Exam: Research Methods
Time: 10:00am – 01:00pm (3 Hrs)
Date: 03rd July 2014

Instructions:

i.   *Attempt any four (4) questions*
ii. *Write clearly, number the questions appropriately on the answer booklet*
iii. *Read and understand the instructions on the last page of the answer booklet*
iv. *Do not write anything on a question paper*

1. a) Studies have shown that adoption of new technologies is slow. Propose ways to improve the level of adoption by farmers.
   b) Distinguish between Rapid Rural Appraisal (RRA) and Participatory Rural Appraisal (PRA).

2. a) Explain the factors to consider when planning a good Result Demonstration. Discuss merits for using group methods for teaching farmers.
   b) Every year an Agric. Show is staged at Jinja Show Grounds. Explain the benefits of having an agricultural show. Discuss the factors to consider when planning for a successful agricultural show.

3. a) What competences should an interviewer of unstructured interview have to ensure collection of data?
   b) Interviews are very much used in data collection; explain the advantages and disadvantages of interviewing.

4. a) As a student pursuing a degree in agriculture course where a research study what are the important factors you hence to consider when selecting your research Topic?
   b). A farm visit is an effective extension method. Explain the Advantages and Disadvantages of using this method.

5. a) During your research study, what ethical issues are you likely to encounter in relation with the respondents?
   b) What do you consider to be good qualities of a good interviewer?

6. Discuss the steps of research process.

7. a). What are the professional ethics which must be observed by a good researcher?
   b). what do you understand by qualitative data analysis? What challenges are usually encountered during this process?