

Uganda Martyrs University
Faculty of Agriculture
Final Assessment Year 1: 2012-2013
AG/04 & OA/04 Research and Extension Methods
Wednesday 10th July 2013
2:00pm-5:00pm
Time: 3hrs

Instructions

- i. All questions carry equal marks
- ii. Start each question on new page
- iii. Answer any 4 Questions
- iv. Do not write anything on the question paper

- Qn1. You are given responsibility for a new area, Farmers have heard of a new superior variety but they are not yet aware of its performance in their area. What extension method will you use to stimulate its adoption? Give 5 points/ factors to consider as you plan for its introduction.
- b) A questionnaire is a good data collection tool. Give 5 advantages and 5 disadvantages of using a questionnaire.
- Qn2. Qualitative data analysis is widely used in research. What difficulties are encountered during qualitative data analysis?
- b) Research has generated a lot of technologies. But the farmers appear to be slow in adopting these technologies. Give 5 technical reasons to support this statement.
- Qn3. When a student undertakes a research study; she encounters a number of ethical issues in relationship with her respondents. Give 5 of these ethical issues.
- b) Many researchers find it very difficult to identify a suitable and acceptable Research Topic. Elaborate the points one should consider before coming up with an acceptable Research Topic.
- Qn4. Interviews are usually used in data collection in research studies. Why is it necessary to give more training to interviewers of unstructured interviews? Illustrate why this is necessary.
- b) Use of individual extension approach is widely used in many countries. Give an example of this approach and outline 5 advantages and 5 disadvantages of using this approach.
- Qn5. Explain what you understand by Rapid Rural Appraisal (RRA) and Participatory Rural Appraisal (PRA). Give 5 reasons to support use

of PRA in planning for an area in research and extension.

Qn6. Give 5 reasons to show the importance of a Transect walk in planning for an area.

b) A field day is a MUST in a Result Demonstration. Why is it important in extension? Give 5 factors you must consider when planning for a field day.

Qn7. Outline clearly and elaborate the different steps involved in developing a research process. What two outputs do you get from a Research Process?