

**UNIVERSITY OF FORT HARE**

**AGX 503**

**HONOURS EXAMINATIONS**

**January 2019**

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**TIME: 3 HOURS**  
**SUBJECT: AGRICULTURAL EXTENSION**  
**PAPER: PRINCIPLES OF APPLIED EXTENSION EVALUATION AND RESEARCH**  
**MARKS: 100**

**THIS PAPER CONSISTS OF 3 PAGES INCLUDING THE COVER PAGE**

**INTERNAL EXAMINER**

**DR SFG YUSUF**

**EXTERNAL EXAMINER**

**DR. J. B STEVENS**

**INSTRUCTIONS**

**ANSWER FOUR (4) QUESTIONS**  
**QUESTION ONE IS COMPULSORY**

### **QUESTION 1 (25 MARKS)**

Suppose you have decided to pursue a research project of which the title is, “Men’s and women’s livestock ownership patterns in Ganda village”.

- a) State an appropriate main objective for such a study. **4 marks**
- b) State two appropriate specific objectives for such a study. **6 marks**
- c) Suppose you wish to conduct a survey as part of your study, therefore you need some kind of strategy for deciding who to interview. A particular question is whether you should conduct a sample survey or conduct a census survey. Explain:
- the difference between the two
  - the advantages and disadvantages of each, and
  - how you would decide which one to employ **10 marks**
- d) In addition to the survey mentioned above, name at least one other kind of fieldwork activity you might include in your study, and explain why. **5 marks**

### **QUESTION 2 (25 MARKS)**

Agricultural extension programs are generally supported by public funds and/or through donor assistance. Does it worth it spending money, time and energy to evaluate the programs? Justify your reasons. **25 marks**

### **QUESTION 3 (25 MARKS)**

Monitoring involves gathering periodic information on project inputs and activities to ensure that the project is implemented as planned and enable management to take corrective actions when necessary. As a manager in the public extension service, how can you track the resources and process for effective monitoring using the principles of Mistra (1998) **25 marks**

### **QUESTION 4 (25 MARKS)**

- a. Describe the internal and external evaluation methods. **5 marks**
- b. In a tabular form, differentiates between using internal and external evaluators for evaluating extension program pointing out the advantages and disadvantages of both methods. **10 marks**

c. Does evaluation involve research? Motivate for your answer. **5 marks**

d. Differentiate between independent and dependent variables with clear examples.

**5marks**

**QUESTION 5 (25 MARKS)**

a. “Logic models help extension service to plan, implement, evaluate, and communicate more effectively”. Assess the validity of this statement and explain how the path, key elements and the outcome chains of the logic models achieve the goals. **20 marks**

b. What are the benefits and the limitation of the logic modeling? **5marks**

**QUESTION 6 (25 MARKS)**

Project appraisal is the process of assessing and questioning proposals before resources are committed. Assess the statement in the light of agricultural project appraisal in the department of agriculture and rural development. **25 marks**