

**PAMIBIA UNIVERSITY**  
**OF SCIENCE AND TECHNOLOGY**

**FACULTY OF HEALTH, APPLIED SCIENCES AND NATURAL RESOURCES**

**Department of Agriculture and Natural Resources Sciences**

<b>QUALIFICATIONS:</b> BACHELOR OF SCIENCE IN AGRICULTURE	
<b>QUALIFICATIONS CODE:</b> 07BAGA	<b>LEVEL:</b> NQF LEVEL 7
<b>COURSE CODE:</b> AGX620S	<b>COURSE NAME:</b> AGRICULTURAL EXTENSION
<b>DATE:</b> JANUARY 2023	
<b>DURATION:</b> 3 HOURS	<b>MARKS:</b> 135

<b>SECOND OPPORTUNITY/SUPPLEMENTARY EXAMINATION QUESTION PAPER</b>	
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<b>INSTRUCTIONS</b>
<ol style="list-style-type: none"><li>1. Answer all questions</li><li>2. Number the answers clearly</li><li>3. Report all your answers to the correct significant figures</li></ol>

**THIS QUESTION PAPER CONSISTS OF 3 PAGES (*Excluding this front page*)**

### **QUESTION 1**

- 1.1 There are several ways in which a chairperson can do his job. Name and discuss the three styles of chairpersonship which are useful in problem-solving and decision-taking meetings. [3]
- 1.2 Choose one and explain why it is the most efficient and effective amongst the three. [5]

### **QUESTION 2**

Explain how the following psychological blinders in communication could hinder the Agricultural Extension services progress in rural communities. Explain each with a real-life scenario.

- 2.1 Stereotypes: [5]
- 2.2 Failure to listen: [5]

### **QUESTION 3**

- 3.1 The concept developed into the farming systems research and extension model (FSR/E) which is a multidisciplinary model for technology development combining research and extension efforts, consists of four major activities. Explain these major steps of FSR\E. [8]
- 3.2 Briefly explain the roles of the extension worker as a sender of the innovations. [7]

### **QUESTION 4**

- 4.1 Discuss the benefits to both agricultural extension services and farmers in terms of using the mobile information and communication technology (ICT) in agriculture agricultural development and productivity. [5]
- 4.2 Explain the encounters that challenged when planning the implementation of mobile technology (ICT) for rural community. [5]

### **QUESTION 5**

- 5.1 Explore the differences between Result Demonstration and Method Demonstration. (*3marks each*). [6]
- 5.2 Name and describe fundamentals of Participatory Rural Appraisal. [6]

### **QUESTION 6**

- 6.1 Discuss the reasons why the Extension Service in Namibia should pay special attention to the needs of the youth in terms of training and motivating them to be self-reliance. [5]
- 6.2 The adoption process is a mental process through which an individual pass from first hearing about a new idea to its final adoption. Describe the five stages of adoption. [5]

### **QUESTION 7**

Demonstrate you knowledge by evaluating the role of women mostly in rural areas as depicted by the figure below. [5]

## THE ROLE OF WOMEN



### QUESTION 8

Discuss five of the personal characteristics that may enhance the development of leadership skills for the extension worker as a leader. [10]

### QUESTION 9

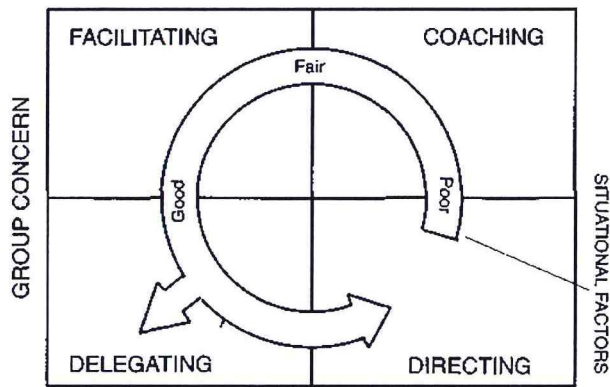
- 9.1 Explain the specific Objectives for the agricultural extension of the Government of the Republic of Namibia as indicated in the Namibia Agriculture Policy of 2015? [6]
- 9.2 Discuss any five reasons why the Extension Service in Namibia should pay special attention to the needs of the youth in terms of training and motivating them to be self-reliance. [5]

### QUESTION 10

Explain the motivational theory by Abraham H Maslow that is based on the concept that people are motivated by the desire to satisfy personal needs. [10]

### QUESTION 11

Leadership and management styles form a continuum ranging from the very autocratic to the very democratic. Briefly discuss the figure below with regards to the appropriate leadership style as situational factors move from poor to good. [6]



**QUESTION 12**

The extension worker has four roles to fulfil in face-to-face two-way communication. Mention and describe the four roles that the extension worker must fulfil in face-to-face two-way communication. [8]

**QUESTION 13**

Farmers' resistance to change from their traditional farming practices lies mostly in resistance to how the new messages/technologies were communicated to them. Discuss the common barriers to communication that are generally experienced in extension service. [10]

**QUESTION 14**

Draw the daily comparative activity clock PRA diagram based on Gardening topic. [10]

**GRAND TOTAL: 135**