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AGRICULTURAL EXTENSION LEVEL 6

AGR/OS/EXT/CC/01/6

Apply Agricultural Extension and Rural Sociology

July/August 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

Time: 3 HOURS

INSTRUCTIONS TO CANDIDATE

1. Marks for each question are indicated in the brackets.
2. The paper consists of **TWO** sections: **A** and **B**.
3. Candidates are provided with a separate answer booklet
4. **DO NOT** write on this question paper.

This paper consists of FIVE (5) printed pages

Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.

SECTION A (40 MARKS)

Answer ALL the questions in this section.

1. Define the term 'rural sociology' as used in agricultural extension (2 Marks)
2. Communication takes different forms to effectively share information with farmers. Outline THREE common forms of communication used in extension work (3 Marks)
3. Every society is built on an underlying framework that influences how individuals live, interact, and relate to one another. Identify THREE major sources of such social structures. (3 Marks)
4. Good communication between extension officers and farmers is key in improving farming practices. Outline FOUR barriers that can affect this communication. (4 Marks)
5. Imagine you are an extension officer working with farmers in your area to introduce a new agricultural practice. Outline FOUR reasons why you would choose demonstrations as the most effective teaching tool in this situation. (4 Marks)
6. Cultural change in society is driven by various factors that shape traditions, values, and behaviors. Identify FOUR sources of such cultural change in society. (4 Marks)
7. In extension services, effective leadership is crucial for guiding farmers and promoting positive change. Outline FOUR qualities that a good leader should possess. (4 Marks)
8. In extension work, financial reports are essential for assessing the success and sustainability of farming projects. List FOUR types of financial statements/reports an extension officer may use to evaluate a farmer's project. (4 Marks)
9. Effectiveness of communication depends on how well a message is crafted. Outline FOUR characteristics of a good message that would effectively reach and engage farmers. (4 Marks)
10. To promote agricultural growth through knowledge and technology transfer, extension

services require sufficient funding. State FOUR sources of funding for extension services in Kenya. (4 Marks)

11. Ndemi is planning to organize an extension session during a local baraza to educate farmers on improved agricultural practices. Outline FOUR essential elements that he must consider to create an effective learning situation. (4 Marks)

SECTION B (60 MARKS)

Attempt Any THREE Questions in This Section

12. John, an extension officer, introduced a drought-resistant maize variety to farmers in Makueni last season. Since then, he has been observing different reactions, reflecting the gradual process through which farmers adopt the new variety.
- a. Explain the FIVE key stages involved in this adoption process. (10 Marks)
 - b. Supposing John plans to engage the farmers further using group-based teaching approaches to encourage wider adoption, discuss FIVE group teaching methods he can use to educate them effectively. (10 Marks)
- 13.
- a. While attending a local baraza, you observe a strong partnership between extension officers, the area chief, and the local clergy in promoting agricultural practices. Explain FIVE key roles these local leaders could be playing in supporting agricultural extension activities. (10 Marks)
 - b. Agricultural extension plays a pivotal role in enhancing farming practices and fostering growth within rural communities. Explain FIVE such key roles that agricultural extension services play in promoting agricultural development and supporting farmers. (10 Marks)
- 14.
- a. The paradigm of agricultural extension has progressively evolved to meet new farming challenges, community needs, and the growing focus on farmer empowerment and sustainable development. In that light, describe FIVE paradigms that have emerged over time, reflecting these shifts. (10 Marks)
 - b. Farm and home visits are important part of extension services. Describe FIVE important purposes of these visits in enhancing agricultural development. (10 Marks)
15. The Ministry of Agriculture is planning to introduce a new policy aimed at improving agricultural productivity through enhanced irrigation practices in Kenya. Suppose you have been appointed as the chair of the steering committee guiding the formulation of this

policy. As the chair, your task is to ensure the policy is effective and addresses the needs of all stakeholders, including farmers, local authorities, and government agencies. You are also responsible for overseeing the entire process and ensuring the policy is developed in a structured and thorough manner.

- a. Discuss the FIVE main stages of public policy formulation in Kenya, assuming the role of a steering committee chair tasked with developing an agricultural irrigation policy. (10 Marks)
- b. Having completed the policy formulation process, you are required to present a back-to-office report to the ministry. Describe FIVE reasons why report writing is important in documenting agricultural extension activities. (10 Marks)