



The Open University of Sri Lanka
Faculty of Engineering Technology
Department of Agricultural & Plantation Engineering

Study Programme: **Bachelor of Industrial Studies Honours in Agriculture Programme**

Name of the Examination: **Final Examination**

Course Code and Title : **AGM 6379 Agricultural Extension**

Academic Year : **2024/25**

Date : **02- 02-2026**

Time : **13.30 – 16.30**

Duration : **3 hours**

Index No. -----

General Instructions

1. This is a Closed Book Test.
2. This question paper consists of **six (6)** questions in six **(06)** pages.
3. **Answer five (5) questions including question No 01.**
4. Question No. 01 contains 10 structured questions. Answer these questions in the space provided and attach the paper to the answer book.
5. Read all the questions carefully before answering.
6. Answer for each question should commence from a new page in the answer book.
7. Do not use red colour pens.

In case of doubt, please consult the supervisor or an invigilator in the examination hall.

Question No 01.

Answer all 10 structured questions in the space provided. (2x10= 20 marks)

- 1. Describe the term 'andragogy'.**

.....

.....

.....

.....

.....

- 2. Briefly explain the 'principle of cultural difference' in extension education.**

.....

.....

.....

.....

.....

.....

- 3. Describe the objectives of the following extension approaches.**

(i) Conventional Agricultural Extension Approach.

.....

.....

.....

.....

.....

.....

(ii) Integrated Agricultural Development Approach

.....

.....

.....

.....

.....

.....

4. Describe **two (2)** factors to be considered in providing a suitable learning environment for adult learners.

(i) _____

(ii) _____

5. Describe **two (2)** factors that act as obstacles during technology transfer.

(i) _____

(ii) _____

6 Outline **two (2)** essentials for agricultural development

(i).
.....
.....
.....

(ii).
.....
.....
.....

7. Describe **two (2)** important factors to be considered in the selection and classification of extension teaching methods.

(i).
.....
.....
.....

(ii).
.....
.....
.....

8. Briefly explain **two (2)** qualities of a good source of information.

(i).
.....
.....
.....

(ii).
.....
.....
.....

9. Briefly explain why it is necessary to assess the environment and the background of farmers before transferring new technology

10. Outline an example for each of the following in relation to technological change.

- (i) Planned change

- (ii). Unplanned change

Select any **four (4) questions** from the following. Write your answers in the answer book.

Question No 02

'Acceptance of new technology is very important for agricultural development'.

- i. Explain the following attributes of new technology **(10 marks)**.
 - a. Trialability
 - b. Complexity
- ii. Write a description about the **'Compatibility of agricultural technology'** **(10 marks)**.

Question No 03

- i. Describe **two (2)** factors that act as **'incentives for change'** **(4marks)**
- ii. Describe the following sources of social change with examples **(8 marks)**
 - a. Internal sources of change
 - b. External sources of change
- iii. Discuss the methods of reducing **'resistance to change'** related to agricultural practices. **(8 marks)**.

Question No 04

Write short notes on **four (04)** of the following. **(4x5=20 marks)**

- i. Roles of farmer organizations.
- ii. Two-way communication
- iii. Crop clinics
- iv. Motivation of adult learners
- v. Agricultural innovations
- vi. Non-formal education

Question No 05

"Agricultural extension services should cater to traditional chena farmers, in addition to farmers engaged in food crop and cash crop cultivations."

Critically evaluate the above statement **(20 marks)**.

Question No 06

Write an essay on **'Private & Public extension services in Sri Lanka'** **(20 marks)**.
