



**SLIATE**

SRI LANKA INSTITUTE OF ADVANCED TECHNOLOGICAL EDUCATION

(Established in the Ministry of Higher Education, vide in Act No. 29 of 1995)

---

**Higher National Diploma in Technology (Agriculture)**

**First Year, Second Semester Examination - 2015**

**AG 1206 – Agricultural Extension Education**

Instructions for Candidates:

All questions do not carry equal marks.

Answer **part I** and **part II** on the paper itself, and will be collected after **one (01) hour**.

Two hours for part 111

No. of questions : 07

No. of pages : 05

Time: **Three (03) hours**

---

**PART – I**

**Question 01: Multiple Choice questions (MCQ)**

**Select the correct answer and underline it.**

- (i) Which of the following statements describe “Agricultural Extension”.
- a) It transfers new technologies to extension officers.
  - b) It is an informal education system.
  - c) It is a process of working with farmers in order to improve their production and livelihood.
  - d) It belongs to formal education.
- (ii) Which one of the followings belong to “informal education”?
- a) Primary education
  - b) University education
  - c) Agricultural instruction
  - d) Learning through experiences
- (iii) What is the hotline number of the Agricultural Advisory service under the department of Agriculture, Sri Lanka?
- a) 1911
  - b) 1919
  - c) 1920
  - d) 1969
- (iv) Which one is a principle of agricultural extension?
- a) Farmer should go to extension officer to gain the knowledge.
  - b) Decision making should always be done by extension officer.
  - c) Priority of extension services should be given to the future growth potential areas.
  - d) Development of the leadership among the farmers is important to the success of the extension program.

- (v) Select the correct statement regarding the principles of adult learning.
- Adults learn more easily when urgent task is immediately processing.
  - Adults learn more easily from teachers than from colleagues.
  - Adult learn through reading.
  - Adults learns more rapidly when one teaching method is used.
- (vi) Select a role of the sender of a message.
- Transmission of the message
  - Decoding
  - Giving feed back
  - Receiving the message
- (vii) “Decoding” of a message,
- is the stage of formulation of an idea
  - transmits the message to the receiver
  - converts or translates conceived idea in to commonly accepted symbols.
  - converts the symbols into ideas
- (viii) Relative advantage is a factor that affects the rate of diffusion. It is meant by,
- The degree to which the farmer’s adaptability to innovation is compatible with his values and capacity
  - The degree to which an innovation is understood and can be used by farmers.
  - The degree to which an innovation is better than the one it is intended to replace.
  - The degree to which results of an innovation are visible to farmers.
- (ix) Secondary data of a survey can be obtained through,
- Questionnaires
  - Interviews
  - Observation
  - Published books
- (x) Select correct statement/s regarding the Autocratic leadership style.
- These leaders command others and his word is the final word.
  - These leaders consult his subordinates about proposed action and decisions
  - These leaders direct others by their ability to lead without rewards and punishment.
- (a) i only      (b) ii & iii      (c) i & iii      (d) i, ii & iii

(xi) Select the correct statement regarding “Career development trainings”

- (a) This is ad hoc or regularly scheduled training and is provided by the superior officer or the subject-matter specialists to the subordinate field staff.
- (b) This training is offered to update and maintain the specialized subject-matter knowledge of the incumbents.
- (c) This type of training is designed to upgrade the knowledge, skills, and ability of employees to help them assume greater responsibility in higher positions.
- (d) This training is given immediately after employment to introduce the new extension staff members to their positions.

(xii) “Social environment surveys” are conducted to collect the information on,

- (a) Occupation, income condition, housing etc.
- (b) Family or household’s composition, marital status, age, etc.
- (c) Level of information, opinions and attitudes of people towards various social factors, their motives and expectations
- (d) Geographical data

(xiii) The percentage (%) of “Laggards” occupied in adoption curve is,

- |          |           |
|----------|-----------|
| (a) 16%  | (c) 34%   |
| (b) 2.5% | (d) 13.5% |

(xiv) Formative evaluation of the program means,

- (a) Continuous review of the program
- (b) Evaluation at the end of the program
- (c) Evaluation before implementing the program
- (d) Evaluation at the mid of the program

(xv) Select the correct statement/s

- i) Formal education is a systematic teaching method which has a special place.
- ii) Informal education is any organized teaching outside the formal system.
- iii) Agricultural extension is a formal education method.
- iv) Non formal education is not based on the age of people.

- a) i only    b) i & ii    c) i, ii & iii    d) i & iv

(xvi) According to the agricultural extension definition, select the correct statement from the followings

- a) Extension service is a continuous process.
- b) Extension is a formal education method.
- c) Extension service is not focused on changing knowledge, attitudes and skills of the farmers.
- d) Extension officer is the only prominent character in extension service.

**[Total 16 marks]**

**PART II**

**Question 02.**

(i) Mention four (04) problems found in agricultural sector in Sri Lanka. **(4 marks)**

- a) .....
- b) .....
- c) .....
- d) .....

(ii) List the four (04) steps of “Group formation. **(4 marks)**

- a) .....
- b) .....
- c) .....
- d) .....

(iii) Give the meanings of followings.

a) Socialization **(2 marks)**

- .....
- .....
- .....

b) Social control **(2 marks)**

- .....
- .....
- .....
- .....

**[Total 12 marks]**

**Question 03.**

(i) List out four (04) characters of a good message. **(4 marks)**

- a) .....
- b) .....
- c) .....
- d) .....

(ii) What are the major components of communication cycle? **(4 marks)**

- a) .....
- b) .....
- c) .....
- d) .....

(iii) List four (04) factors that should be considered when planning the evaluation of an extension program. **(4 marks)**

- a) .....
- b) .....
- c) .....
- d) .....

**[Total 12 marks]**

### **PART III**

#### **Question 04.**

- (i) List out the objectives of agricultural extension? (5 marks)
- (ii) Describe the characteristics of a sustainable agriculture? (10 marks)

[Total 15 marks]

#### **Question 05.**

- (i) Explain the role of an extension officer as a change agent? (5 marks)
- (ii) Explain the characteristics of a successful receiver in communication. (10 marks)

[Total 15 marks]

#### **Question 06.**

- (i) What are the characteristics of “Innovators” within the adopter category groups? (5 marks)
- (ii) Explain the steps of adoption of an innovation. (10 marks)

[Total 15 marks]

#### **Question 07.**

Write short notes on the following.

- (i) Induction trainings for extension officers (5 marks)
- (ii) characteristics of non-formal education (5 marks)
- (iii) Limitations of Rapid Rural Appraisal. (5 marks)

[Total 15 marks]