



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 - 2016
AG 1206 – Agriculture Extension Education

Instructions for Candidates:

All questions do not carry equal marks.

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

No. of questions : 07

No. of pages : 05

Time: **Three (03) hours**

PART – I

01. Select the correct answer and under line it. (16 marks)

- (i) What is the correct statement on rural population?
- (a) The majority of the world population is living in the town area.
 - (b) Most of them are engaged in industrial sector.
 - (c) Even though they are very practical, income and productivity are very low.
 - (d) They are highly aware of modern knowledge and technology.
- (ii) What is the correct statement of on-the-job training?
- (a) Provided by the superior officer or the subject-matter specialists.
 - (b) In-service training which is also appropriate for newly recruited personal.
 - (c) Given immediately after employment to introduce the new extension staff members.
 - (d) Offered to update and maintain the specialized subject-matter knowledge
- (iii) What is the base of referent power leadership?
- (a) Individual psychological and personal qualities
 - (b) Having a position in an organization or society
 - (c) Skills derived from a person in an organization.
 - (d) All the above statements.
- (iv) What is the meaning of social behavior?
- (a) A general behavior of people according to their day to day life
 - (b) A study or analysis on an individual
 - (c) A behavior of people with a well-defined place and time accepted stand.
 - (d) A study of the rural environment
- (v) What is the correct statement regarding the communication?
- (a) A process which has no beginning and no end
 - (b) A process which has beginning and end
 - (c) A process which needs at least more than two people
 - (d) A process which provides no interaction between the people.

- (vi) What do you mean by the term **decoding** in the communication cycle?
- (a) Receiver analyses the message and get the idea meaningfully.
 - (b) Receiver receives the message in the form of symbols
 - (c) Receiver responses to the sender as a new stimulant.
 - (d) The final stage of the communication process.
- (vii) Who need the project evaluation?
- (a) The benefiteres of the project.
 - (b) The funder/s of the project.
 - (c) The requestors of the project.
 - (d) To all workers of the project.
- (viii) What is the correct statement on diffusion of an innovation?
- (a) The total process by which and innovation spreads out among the farmers.
 - (b) The process by which a particular farmer is exposed to consider and finally practice a particular innovation.
 - (c) A new idea, method, practice or technique which provides the means of achieving sustained increases in farm productivity and income.
 - (d) Diffusion is not affected by the observability of the innovation
- (ix) What is the sender's role in the communication cycle?
- (a) Should be able to listen, read and see in a proper way.
 - (b) Should have proper understanding about the communication channel
 - (c) Should have prior knowledge about the subject and can understand message better.
 - (d) Should have positive attitudes towards all the above
- (x) When selecting an extension worker, he /she should have
- (a) Enthusiasm for the job
 - (b) Commonsense and initiative knowledge
 - (c) Educational qualification
 - (d) All above characters
- (xi) What is the percentage of early adopters in the diffusion process?
- (a) 2.5
 - (b) 13.5
 - (c) 16
 - (d) 34
- (xii) What is the primary data collection method of the following?
- (a) Experiments
 - (b) Referring previous publication
 - (c) Searching web
 - (d) All steps of above
- (xiii) What is more effective adult learning method from the following?
- (a) Television
 - (b) Real experience
 - (c) Films
 - (d) Pictures

- (xiv) What is the adult learning principle from following?
 - (a) It should not have repetition
 - (b) It is easier from teacher than from colleagues.
 - (c) It gains only after having an interest
 - (d) It should be done with one teaching method.

- (xv) What is the major role of an extension officer in our country?
 - (a) Act as a finding agent
 - (b) Act as an adviser
 - (c) Act as a contractor
 - (d) None of the above

- (xvi) What are the steps included in the programme development?
 - (a) Planning, Implementation and Evaluation
 - (b) Planning , Control and Implementation
 - (c) Formulation, Identification and Administration
 - (d) Recognition, Planning and Financing

PART II

02. (12 marks)

- (i) Name two major types of extension services available in our country with one example for each. (4 mark)

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- (ii) Define the term “Non-Formal Education”. (3marks)

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- (iii) Write three objectives of agricultural extension. (3 marks)

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(iv) Write two problems existing in Agriculture sector of Sri Lanka. (2 marks)

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03. (12 marks)

(i) Write three (3) characters of a good extension officer? (4.5 marks)

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(ii) Write three (3) ways of updating Agriculture Officers' knowledge. (4.5 marks)

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(iii) Write three (3) prerequisites needed for farmers to adopt Agricultural innovation (3 marks)

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PART III

04. (15 marks)

- (i) “Still we need a proper Agricultural extension service to Sri Lanka”. Provide reasons for this statement. (3 marks)
- (ii) Compare formal education with non- formal education. (6 marks)
- (iii) Discuss the prominent characters of adults which we should concern during the teaching learning process. (6 marks)

05. (15 marks)

- (i) What do you mean by the “**monitoring of programme**”? (3 marks)
- (ii) Discus two types of programme evaluation. (5 marks)
- (iii) List the stages of programme planning and implementation. (7 marks)

06. (15 marks)

- (i) Define “communication” (3 marks)
- (ii) Illustrate the adoption pattern by using only the relevant graph. (4 marks)
- (iii) Discuss the steps of adoption process. (8 marks)

07. (15 marks)

- (i) What do you mean by Leadership? (3 marks)
- (ii) Briefly discuss stages of group development. (6 marks)
- (iii) Discuss the characteristics of rural society. (6 marks)