

द्वितीय पत्र :- एगू एक्सटेन्शन सम्बन्धी विषय

## Section A- 30 Marks

- 1. Extension Education** **10%**
- 1.1. Concepts, definition, principles, philosophy and objectives of extension education
  - 1.2. Importance and scope of extension education in Nepal
  - 1.3. Role of agricultural extension in rural development
  - 1.4. History of agricultural extension in Nepal
  - 1.5. New directions in agricultural extension
    - 1.5.1 Subject matter specialized extension
    - 1.5.2 Privatization of agricultural extension services
    - 1.5.3 Pluralism in agricultural extension services
    - 1.5.4 Gender mainstreaming in agriculture
    - 1.5.5 Agricultural marketing extension services
    - 1.5.6 Collaborative agricultural extension services
    - 1.5.7 Pocket package strategy
    - 1.5.8 Sustainable agriculture
- 2. Extension Teaching Methods** **10%**
- 2.1. Individual teaching methods
  - 2.2. Group teaching methods
  - 2.3. Mass teaching methods
  - 2.4. Factors to be considered in selection of extension teaching methods
- 7. Training and Leadership Development** **10%**
- 7.1 Training needs assessment
  - 7.2 Designing training module
  - 7.3 Training management
  - 7.4 Leadership development process
  - 7.5 Role of local leaders in agricultural extension
  - 7.6 Methods of discovering local leaders

## Section B- 30 Marks

- 3. Communication in Agricultural Extension** **10%**
- 3.1 Role of communication in agricultural extension
  - 3.2 Communication models
  - 3.3 Communication channels
    - 3.3.1 Mass media channels
    - 3.3.2 Inter-personal channels
    - 3.3.3 Indigenous communication channels
  - 3.4 New communication technologies
  - 3.5 Designing effective communication process
  - 3.6 Barriers of communication and ways to overcome them

**6. Innovation Diffusion Process 10%**

- 6.1. Concepts of adoption and diffusion processes
- 6.2. Elements of diffusion process
- 6.3. Stages of adoption process
- 6.4. Adopters' categories and their characteristics
- 6.5. Factors affecting the rate of adoption

**9. Transfer of Technology 10%**

- 9.1 Concepts of transfer of technology
- 9.2 Appropriate technology
- 9.3 Farming system research and extension
- 9.4 Participatory technology development
- 9.5 Models of transfer of technology
  - 9.5.1 Conventional model
  - 9.5.2 Feedback model
  - 9.5.3 Farmer Participatory model
  - 9.5.4 Farmer to farmer

**Section C- 20 Marks**

**4. Agricultural Extension System in Nepal 10%**

- 4.1 Objectives, implementation and coordination mechanisms:
  - 4.1.1 Conventional extension system
  - 4.1.2 Extension system in integrated rural development project
  - 4.1.3 Training and visit system
  - 4.1.4 Tuki system
  - 4.1.5 Farming system research and extension system
  - 4.1.6 Extension system under block production program.
  - 4.1.7 Group approach of agricultural extension

**8. Stakeholders in Agriculture Development 10%**

**8.1 Stakeholders**

- 8.1.1 Agriculture Research Station
- 8.1.2 District Agriculture Development Office
- 8.1.3 Credit Institutions
- 8.1.4 CBOs, NGOs and INGOs
- 8.1.5 National Seed Company Limited (NSCL), Agriculture Inputs Company Limited (AICL)
- 8.1.6 Private input suppliers
- 8.1.7 Agricultural Marketing Institutions
- 8.1.8 Farmers' Organizations
- 8.1.9 Agricultural Universities and Colleges
- 8.1.10 District Development Committees

**8.2 Coordination among agencies involved in agricultural extension program**

## Section D- 20 Marks

### 5. Program Planning, Implementation, Monitoring and Evaluation 10%

- 5.1 Principles and importance of program planning
- 5.2 Types of extension program planning
- 5.3 Program planning process
- 5.4 Factors to be considered in executing extension program
- 5.5 Monitoring, evaluation, and feed back in extension program.

### 10. Scientific Writing and Extension Program Proposal Development 10%

द्वितीय पत्रको एकाईहरुको प्रश्नसंख्या निम्नानुसार हुनेछ

द्वितीय पत्र खण्ड	A			B			C		D	
द्वितीय पत्रका एकाई	1	2	7	3	6	9	4	8	5	10
प्रश्न संख्या	1	1	1	1	1	1	1	1	1	1

#### विषयगत नमूना प्रश्नहरु (Sample questions)

1. What are the principles of extension education? Explain any three of them.
2. What are the various teaching methods used in delivering the agricultural extension services? Briefly describe the factors to be considered in the selection of extension teaching methods.
3. Enumerate the different models of communication. Explain the elements of J.P. Leagan's model of communication in detail. And, what makes this model different from others if communication is meant to bring about desirable changes in human behavior?
4. Give the reasons for considering "Group Approach of Extension" as the most effective and efficient one among various extension systems being adopted in Nepal.
5. You have been hired as a training coordinator by an NGO to conduct a training program in promoting high value cash crop for an illiterate dalit women farmers community in a remote area. Design an appropriate training module for this training program.
6. Write short notes on (any two):
  - (a) Role of local leaders in agricultural extension
  - (b) Gender mainstreaming
  - (c) Pluralism in agricultural extension
  - (d) Participatory technology development
  - (e) Role of agricultural universities and colleges in agricultural extension  
Coordination among stakeholders in agricultural extension program