

**EASTERN UNIVERSITY, SRI LANKA**  
**THIRD YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2010/2011**  
**Dec/Jan – 2012/13**  
**AEC 3101: AGRICULTURAL DEVELOPMENT AND POLICY**

Answer ALL Questions

Time allowed: 03 hours

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1. a) What do you understand by the 'Basic Needs Approach' to development?  
b) Clearly explain the terms;
  - i) Human Development Index (HDI)
  - ii) Lorenz Curve
  
2. a) What does 'Technology Transfer' mean and how does it occur in developing countries?  
b) Briefly explain the 'Vicious Circle of Poverty'.
  
3. a) What is meant by 'Population Projection', and how can a projected population be estimated?  
b) Briefly discuss the 'Demographic Transition Process' with comments on the 'population explosion' phenomena.
  
4. a) List the five stages in Rostow's Growth Theory and discuss the general characteristics of these stages.  
b) Discuss the following briefly;
  - i) Karl Marx's theory of economic development
  - ii) Unbalanced Growth Theory of economic development

5. Briefly explain;
- a) Risks and uncertainties farmers face in agricultural production
  - b) Constraints in executing a good credit system
  - c) Guaranteed Price Scheme for Paddy
- 6.
- a) Discuss the major objectives of Land Reform implemented in Sri Lanka.
  - b) What were the motivations behind the implementation of Land Reform?
  - c) How could Land Reform help to raise agricultural productivity?