

**M.A./M.Sc. Geography**  
**Third Semester**  
**Paper – II (43362) Agricultural geography**

Unit – I

- a) The nature and development of agricultural geography
- b) Approaches recent trends in agricultural geography
- c) Origin and dispersal of agriculture
- d) Sources of agricultural data

Unit – II

- a) Factors affecting agriculture: Physical, institutional and technological
- b) Agricultural systems of the world: critical review of classification of agricultural types
- c) Major agricultural types of the world and their characteristics and world distribution
- d) Detailed study of intensive subsistence, commercial grain farming, Mediterranean agriculture and tropical plantation agriculture

Unit – III

- a) Land use classification; land use pattern in India; and land capability classification
- b) Von Thunen's agricultural model of agricultural land use and recent modification in it
- c) Measures of carrying capacity of land; nutrition and food balance sheet; food surplus and food deficient regions of India
- d) Diffusion model

Unit – IV

- a) Concept and techniques of delimitation of agricultural regions; agricultural regions of India and their characteristics
- b) Measures of agricultural productivity and efficiency levels and other characteristics
- c) Crop combination methods: Weaver's, Doi's and Rafiullah's methods and their applications
- d) Agricultural typology: concept and methodology; patterns with special reference to the world and Rajasthan

Unit – V

- a) Sustainable development of agriculture
- b) Green and white revolutions: Their components, impact and consequences
- c) Specific problems in Indian agriculture and their management and planning
- d) Agricultural policy of India

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