

MPPEB AEO Syllabus

पाठ्यक्रम

कुल अंक - 200

प्रश्नपत्र का विवरण :

सं. क्र.	विषय	अंक
1	सामान्य ज्ञान	100
2	सामान्य हिन्दी	
3	सामान्य अंग्रेजी	
4	सामान्य गणित	
5	सामान्य विज्ञान	
6	सामान्य अभिरूचि	
7	संबंधित विषय पर आधारित	100
	कुल अंक	200

Syllabus Of Agriculture For R.A.E.O.

1. General Agriculture

Agriculture and its importance in national economy.

2. Agronomy

Major Crops of MP, Agrotechniques of major field crops of MP.

Farming systems and sustainable Agriculture.

Introductory Agro Meteorology, Agro-climatic and Agro-ecological zones .

3. Soil Science

Soil and its composition and its role in crop production, physical, Chemical, and biological properties of soil. Essential plant nutrients, their function and dynamics. Integrated nutrient management, Problem soils and their management.

4. Soil and water conservation, Watershed management

5. Plant Physiology

Absorption, translocation and metabolism of nutrients, Photosynthesis and respiration, Growth and development, growth regulators.

6. Crop Improvement

Elements of genetics and plant breeding as applied to crop improvement.

7. Horticulture

Package of practices of important fruit vegetable Spices and economically important flowering plants, Nursery management and propagation methods of horticultural crops. Problems (unfruitfulness, alternate bearing, fruit drops etc.) and physiological disorders and their management. Post-harvest management and value addition of fruits and vegetables.

8. Plant Protection

Important insect pests and diseases affecting important crops and their management. Components of integrated pest and disease management. Spray equipments, their selection and maintenance. Rodent management. Safety precautionary measures during pesticide usage.

9. Agricultural Economics

Meaning, principles of economics as applied to agriculture, Farm planning and resource management for optimal production. Farming systems and their economic role. Marketing of agricultural produce and regulated markets in MP including initiatives like (e -chaupal) Price of agricultural produce and its role in agricultural production.

10. Agricultural Extension Education

Philosophy, objectives and principles of extension. Extension organizations at the state, district and block levels, their structure, functions and responsibilities. Methods of communication. Role of farmer's organizations in extensions services. Role and importance of trainings. Important rural development programmes in India.

