



MP RAE0

Syllabus

Rural Agricultural Extension Officer

For
Sustainable
Agriculture
and Rural
Development



1. MP RAE0 Syllabus Overview

Subject	Topics Covered
 General Knowledge	Current Affairs, Indian History, Indian Polity, Geography, Economy, Madhya Pradesh General Knowledge, Important National & International Events
 General Hindi	Grammar, Vocabulary, Synonyms & Antonyms, Sentence Correction, Comprehension, Idioms & Phrases
 General English	Reading Comprehension, Grammar, Vocabulary, Error Detection, Sentence Improvement, Synonyms & Antonyms
 General Mathematics	Number System, Percentage, Profit & Loss, Ratio & Proportion, Average, Time & Work, Simple & Compound Interest, Data Interpretation
 General Reasoning Ability	Analogy, Coding-Decoding, Blood Relations, Direction Sense, Number Series, Seating Arrangement, Logical Reasoning, Puzzle
 General Science	Physics, Chemistry, Biology, Environmental Science and Everyday Science
 General Computer Knowledge	Computer Fundamentals, MS Office, Internet, Operating System, Computer Hardware & Software, Cyber Security Basics
 Agriculture / Related Subject Questions	As per the prescribed Agriculture syllabus and related subjects (detailed syllabus to be referred from the official notification).



MP RAEO

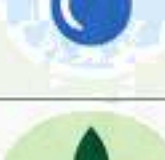
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| 2. Agriculture Syllabus

Subject	Details
 General Agriculture	Agriculture and its importance in national economy.
 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.
 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.
 Soil and water conservation, Watershed management	
 Plant Physiology	Absorption, translocation and metabolism of nutrients, Photosynthesis and respiration, Growth and development, growth regulators.
 Crop Improvement	Elements of genetics and plant breeding as applied to crop improvement.
 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.
 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.
 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.
 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.



MP RAE0

Exam Pattern

Rural Agricultural Extension Officer

For Sustainable Agriculture and Rural Development



1. Overview



Candidates preparing for the examination should thoroughly understand the latest exam pattern prescribed by MPESB. The written examination will consist of one objective-type question paper carrying 200 marks.

2. Exam Pattern Details

Particulars	Details
 Mode of Examination	Computer-Based Test (CBT)
 Type of Questions	Objective (Multiple Choice Questions)
 Total Papers	1
 Total Questions	200
 Total Marks	200
 Negative Marking	0.25
 Duration	3 Hours
 Medium	Hindi & English (as applicable)





MP RAE0

Cut Off 2023

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4. MP RAE0 Cut Off 2023

 Category	 Cut Off Marks (2023)
GENERAL BOYS	134.20
GENERAL GIRLS	126.87
OBC BOYS	130.80
OBC GIRLS	121.31
SC BOYS	116.08
SC GIRLS	110.39
ST BOYS	110.39
ST GIRLS	103.62
EWS BOYS	121.74
EWS GIRLS	113.53