

Bihar Agriculture Coordinator Syllabus 2025

Exam Name: Bihar Agriculture Coordinator Recruitment 2025

Conducting Authority: Bihar Public Service Commission (BPSC)

Selection Process: Preliminary Exam, Main Exam

Duration: Prelims - 2 Hours, Mains - 3 Hours (Per Paper)

Total Marks: Prelims - 150, Mains - 900

Negative Marking: No Negative Marking

Official Website: bpsc.bihar.gov.in

Exam Pattern

Preliminary Exam: Objective type, 150 Marks, 2 Hours, No Negative Marking

Main Exam: Descriptive type, 900 Marks, 3 Hours per paper, No Negative Marking

Detailed Syllabus

Section 1: Ecology and Crop Management

- Importance of ecology in agriculture
- Climatic elements and their role in crop growth
- Agro-climatic zones and cropping patterns (with special reference to Bihar)

Section 2: Soil Science and Fertility

- Soil classification and major soil types in India
- Soil productivity and fertility concepts
- Essential plant nutrients: types and functions
- Soil management practices: salinity, alkalinity, acidity

- Soil conservation methods

Section 3: Plant Breeding and Genetics

- Principles and methods of plant breeding
- Genetics: heredity, variation, mutations, chromosomes
- Recommended crop varieties for Bihar

Section 4: Seed Technology and Plant Physiology

- Seed production, processing, and quality testing
- Physiological processes in plants: growth, photosynthesis, respiration

Section 5: Agricultural Economics and Extension

- Farm management and resource allocation
- Economics of different farming systems
- Marketing of agricultural inputs and produce
- Extension education in agriculture

Section 6: Agricultural Research and Education

- History and development of agricultural research in India
- Biotechnology and tissue culture in agriculture

Section 7: Current Trends and Issues

- Food production trends and land reforms in India
- Environmental issues: floods, droughts, contingency planning
- Agricultural policies and government schemes (focus on Bihar)

Preparation Tips

1. Understand the exam pattern and syllabus clearly.
2. Make a proper study timetable.
3. Refer to best books and standard study materials.
4. Solve previous year papers and mock tests.
5. Focus on conceptual clarity instead of rote learning.
6. Stay updated with current agriculture schemes and news.
7. Revise regularly and improve speed with practice.