



PUBLIC SERVICE COMMISSION, W.B.

161-A, S. P. Mukherjee Road, Kolkata- 700026

Scheme of Screening Test for recruitment to post of Assistant Director of Agriculture in the West Bengal Agricultural Service (Admin.) under the Department of Agriculture, Govt. of West Bengal [Advt. No. 05/2023].

1. Duration of the Screening Test: 1 hour 30 minutes
2. Type of Test: MCQ
3. Full Marks: 100
4. No. of Questions: 100 MCQ questions with 1 mark against each question.

(There shall be negative marks as per norms @ $\frac{1}{4}$ for each wrong answer).

Syllabus for Screening Test for recruitment to post of Assistant Director of Agriculture in the West Bengal Agricultural Service (Administrative Wing) under the Department of Agriculture, Govt. of West Bengal [Advt. No. 05/2023].

Agriculture

I. General :

1. Rural Sociology and Extension
2. Agril Economics; Farm Management and Marketing; grading, packaging market Information, world situation.
3. Rural Resource Survey & development planning.
4. Methods of Agril Extension – training, demonstration, publications.
5. Commercial Farm Enterprise Management : finance, Human resource, time & business.
6. Design of experiments, sampling, statistical analysis.
7. Computer application : information, networking and website browsing.
8. Agro climatic Zones of West Bengal : resources and prospects.
9. Agro meteorology & remote sensing.

II. Crop Production :

1. Field crops, cereals, pulses, oilseeds, fibres, sugar crops – Rice, Wheat, Maize, Chick Pea, Pigeon Pea, Mustard, Sunflower, Groundnut, Jutr, Cotton, Sugarcane, Sugarbeet.
2. Vegetable crops – Summer, Winter.
3. Fruits & plantation – Mango, Litchi, Banana, Guava, Pineapple, Befelvine etc.
4. Flower & Ornamentals – Rose, Tuberoose, Dahlia, Gladiolus, Orchids, Chrysanthemum.
5. Medicine, Spice, Aromatics – Black pepper, Coriander, Cumin, Fennel, Fenugreke
6. Soils and Soil Health : Management & nutrition, Soil & Water conservation.
7. Manures, fertilizers; applications, composting, biofertilizer.
8. Irrigation & Drainage – Methods; water-harvest.
9. Land shaping, development & preparation.
10. Sericulture, Beekeeping & Mushrooms.

III. Crop Protection :

1. Entomology & Pest Control.
2. Plant Pathology & Disease control.
3. Pests of important crops & their control.
4. Diseases of important crops & their control.
5. Principles & Practices of plant protection.
6. Regulations, Resistant varieties, Transgenics.
7. Pesticides, Fungicides, Weedicides.
8. Environment and its pollution – Toxicity, phytotoxicity, antidotes.
9. Integrated pest, disease & weed management.

The syllabus is indicative only. Candidates should be prepared to answer any question from essential qualification/Degree mentioned in the advertisement for the relevant post.

By order of the Commission