

SYLLABUS FOR COMPUTER BASED RECRUITMENT TEST (CBRT)
FOR THE POST OF ASSISTANT AGRICULTURAL OFFICER
UNDER
DIRECTORATE OF AGRICULTURE
(Advt No. 04 Year 2022 and 05 Year 2022)

- I. General English including Grammar - 10 marks**
- II. General Knowledge, Current Affairs and Events of National and International Importance - 10 marks**
- III. Logical Reasoning and Analytical Ability - 25 marks**
- IV. Core: - 30 marks**

GENETICS AND PLANT BREEDING

General Genetics and Plant Breeding; Economics Botany and Plant Breeding Methods; Genetic Engineering and Biotechnological Tools in Plant Breeding; Plant Genetic Resources and their Regulatory System; Varietal Release and Seed Production

AGRICULTURAL ENTOMOLOGY

Systematics; Morphology; Ecology, Biological control; Chemical control and Toxicology; Integrated pest management; Useful insects

PLANT PATHOLOGY

History and Principles of Plant Pathology; Laboratory and Analytical Techniques; Plant Disease Epidemiology; Phanerogamic parasites and Non-parasitic Diseases Unit; Fungal Diseases of Crop Plants; Bacterial and Viral Diseases of Crop Plants; Management of Plant diseases

AGRONOMY

Classification; Agro climatic zones; Major field crops- soil, land preparation, seed and sowing, yield, varieties.

FLORICULTURE AND LANDSCAPING

Production technology of cut flowers; Production technology for loose flowers; Protected Floriculture; Value addition

FRUIT SCIENCE

Tropical fruit production; Biodiversity and conservation; Post harvest technology.

SOIL SCIENCE

Pedology; Soil Physics; Soil Chemistry; Soil Fertility; Soil Microbiology.

AGRICULTURAL ECONOMICS

Agricultural Development and Policies; Agricultural Finance; Agricultural Marketing and Price Analysis; Entrepreneurial skills and new venture planning

AGRICULTURAL EXTENSION

Fundamentals of Extension and Communication; Research Methodology in Extension Education; Programme Planning, Evaluation & Diffusion and Adoption of Innovations; Extension Management; Developmental Strategies and Issues in Extension.

Note:

Duration for C.B.R.T : 90 Minutes

Maximum Marks for C.B.R.T : 75 Marks