

SYLLABUS FOR Ph.D. ENTRANCE TEST IN BOTANY

PART-A

Part-A shall consist of 50 objective type compulsory questions of 1 mark each based on research methodology. It shall be of generic nature, intended to assess the research aptitude of the candidate. It will primarily be designed to test reasoning ability, data interpretation, and quantitative aptitude of the candidate.

PART-B

Part-B shall also consist of 50 objective type compulsory questions of 1 mark each based on the syllabus of the subject at Masters Level as per the broad headings below:

1. Cell-Biology
2. Developmental Biology
3. Plant Physiology and Biochemistry
4. Genetics and Molecular Biology
5. Biostatistics
6. Plant Tissue Culture
7. General Studies of Virus, Bacteria and Fungi.
8. General Studies of Algae, Bryophytes and Pteridophytes.
9. General Studies of Gymnosperms.
10. Taxonomy of Angiosperms.