

## SYLLABUS FOR Ph.D. ENTRANCE TEST IN LIFE SCIENCES

### 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. Biochemistry and Analytical Techniques
2. Cell-Biology
3. Developmental Biology
4. Plant Physiology
5. Animal Physiology
6. Genetics and Molecular Biology
7. Environmental Biology
8. Microbiology and Immunology
9. Biostatistics and Bioinformatics
10. Plant and Animal Cell / Tissue culture.