

SYLLABUS FOR PH.D. ENTRANCE TEST IN ZOOLOGY

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 Biosystematics, Taxonomy and Evolution
- 2 Structure and function of Invertebrates
- 3 Quantitative Biology, biodiversity and wildlife
- 4 Biomolecular and structural Biology
- 5 General and Comparative animal Physiology and Endocrinology
- 6 Population Ecology and Environmental Physiology
- 7 Tools and techniques in Biology
- 8 Molecular Cell Biology and Genetics
- 9 Comparative Anatomy of Vertebrates
- 10 Eco-Toxicology
- 11 Animal Behavior and Neurophysiology
- 12 Gamete, Biology, Development and Differentiation