

Annexure 'D'

Syllabus for Laboratory Assistant

Qualification Prescribed: *Bachelor's Degree in Science from a recognized University with Chemistry/Botany / Zoology / Environmental Science with at least 60 % marks in aggregate.*

A) Chemistry:-

- Qualitative and Quantitative estimation of various cations and anions, Different techniques used in pesticide residue analysis, Principles of Analytical Methods in Titrimetry and Gravimetry.

B) Botany / Zoology:-

- Biochemistry and Cellular basis of life, Genetics evolution of life, Diversity of life forms, Molecular Biology, Ecology, Biostatistics, Industrial and Environmental Microbiology, Natural Resource Management, Bio-fertilizers, Environmental Biotechnology.

C) Environmental Science:-

- Introduction to Environmental Studies, Ecosystems, Natural Resources, Biodiversity and Conservation, Environmental Pollution, Waste Management, Global Environmental Issues and Policies, biogeochemical cycles, eco - system and ecology, eco tones, Man and biosphere programme.
