DUTIES OF BOTANIST:

- Identifying, Classifying, Recording and Monitoring Plant Species.
- Ecological Consultancy Work, including Surveys and Environmental Impact Assessments.
- Managing a Botanical Collection.
- Searching for New Species.
- Studying the Effects of Pollution, or Developments such as New Buildings on Plant Life.
- Identifying and Purifying Chemicals Produced by Plants for Use in Products such as Drugs, Food, Fabrics, Solvents and Building Materials.
- Presenting Research Results in Journals, Books and at Academic Conferences.
- Training and Supervising Junior Staff and Volunteers.
- Teaching to staff.


3. **Pharmacology:** Drugs acting on autonomic nervous system, Autocoids and their antagonists, Cardio Vascular drugs, Drugs acting on respiratory tract, Drugs acting on endocrine system.

Bioassay.

Pharmacology of the following groups of drugs – Drugs acting on central nervous system, Local anesthetics, Drugs acting on uterus, Drugs affecting renal function: Diuretics & anti-diuretics, Drugs acting on the blood & blood forming organs, Pharmacology of vitamins, Heavy metals & Heavy metal antagonists, Enzyme in therapy, Therapeutic gases, Drugs acting on skin.


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**Pattern of Question Papers:**

1. Objective Type Paper
2. Maximum Marks : 100
3. Number of Questions : 100
4. Duration of Paper : Two Hours
5. All Questions carry equal marks
6. There will be Negative Marking
7. * * * * *