

PRACTICAL

Max. Marks : 60

Time : 4 Hrs

2 Practical of Marks each 3 Hours Duration Each

Practical and Field Work

Practical bases on Paper I & II)

1. Study of plants parts.
2. Excursions to old and new forest areas and nurseries.
3. Identification of principal types of Soils in Banswara division and tree species associated with them.
4. Identification of different types of rocks.
5. Identification of economically important tree seeds and vegetative propagation of commercial timbers. Visit to seed orchards and other concerned places. Description of a Forest Division.
6. Collection of field data regarding felling and regeneration of forest-trees.
7. Demonstration of various components of a forest ecosystem, preparation of check list of economically important forest species of plants and animals of Banswara Forest Division.

8. Collection of information of various uses of plants by tribal people in their daily use in their customs and ceremonies.
9. Elementary knowledge of forest mapping and reading.
10. Acquaintance with the main pests and their diseases causing organism.
11. Visit to few forest based industrial establishments and submission of a brief report on it.
12. Identification of raw materials of the industry chosen by the candidate.
13. Collection of raw materials and their proper storage.
14. Knowledge of adulteries/substitutes of the raw materials.
15. Processing techniques of the raw material and prevention of it.

Note:

A Botanical excursion must be made compulsory for FRU students to some areas within and outside Rajasthan.

Note:

The paper setter is required to set questions of 3 types contained in 3 Sections (**Section A-** 10 questions, **Section B-** 10 questions and **Section C-** 4 questions)