

# KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Forestry Degree Programme  
IV<sup>th</sup> Semester Final Examination-August.2016

Cat. No: Tpbr.2207

Title: Medicinal and Aromatic Plants (1+1)

Marks: 50

Time: 2 hours

(10 x 1=10)

Name the following

1. Most important essential oil constituent of Japanese Mint
2. Botanically Patchouli comes under the family
3. Propagation of Geranium is by
4. The essential oil constituent of Palmarosa
5. Name the industrially important species of Solanum
6. Name two alkaloids present in Sarpaghandha
7. Active principle of Dioscorea
8. Name a released variety of Datura
9. Expand AMPRS, Odakali
10. An aromatic shrub

(5 x 2=10)

II Write short notes on any Five.

1. Medicinal importance of Neem.
2. Write botany, part used, propagation and active constituents in Cinchona.
3. Write the scientific name and family of yam, Foxglove and Sweet Flag.
4. List out three medicinal trees with scientific name which are under threat.
5. Write the important essential oil present in Citronella, geranium and lemon grass.
6. Cultivation practices of Japanese Mint.
7. Enflourage in jasmine.

(5 x 4=20)

III Write short essay on any FIVE

1. Botany, types, distribution and method of extraction of Eucalyptus.
2. Role of medicinal and aromatic plants in Indian economy.
3. Explain the strategies for conservation of medicinal trees in forest.
4. Write about the production technology and Extraction of Geranium.
5. Production technology, active principles, Extraction of Foxglove.
6. Cultivation practices, harvesting, active principles of Senna.
7. Write about the medicinal principles of Atropa, Rauwolfia.

(1 x 10=10)

IV Write Essay on Any ONE

1. Write briefly about the botany, varietal wealth, distribution, production technology harvesting and extraction of Vetiver and Opium.
2. Write briefly about the botany, varietal wealth, distribution, production technology harvesting and extraction of Sandal and Cannabis.

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