

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Forestry. 2013 Admission
IVth Semester Final Examination- August-2015

Cat. No: Tpbr.2207

Title: Medicinal and Aromatic Plants (1+1)

Marks: 50

Time: 2 hours

I State True or False/Match the following

(10 x 1=10)

1. Pruning is an important practice for flower production in Jasmine
2. Acorin is the bitter principle in Acorus
3. Sennoside A and Sennoside B are the laxative principles of Solanum
4. Sugandhi is the variety of Rauvolfia
5. Vetiver is used for controlling soil erosion
6. Datura a) Slip
7. Neem b) KKM-1
8. Senna c) Meliaceae
9. Acorus d) Seed Propagation
10. Citronella e) Sweet flag

II Write short notes on any FIVE

(5 x 2=10)

1. Write about the different species of mint
2. Write about the factors influencing oil yields in lemon grass
3. Describe the different propagation methods in Jasmine
4. Neem in Agro-forestry system—Describe
5. Methodologies for conservation and regeneration of medicinal plants
6. Write about the raising of nursery for solanum
7. What are all the uses of patchouli oil

III Write short notes on any FIVE

(5 x 4=20)

1. Write about the production technology of Acorus
2. Write about the harvesting, distillation and oil yield of palmarosa
3. Distillation and extraction techniques for sandal wood oil
4. Write about the cultural practices for Geranium
5. Write about the different propagation methods in Rauvolfia
6. Write about the land preparation, planting and provisions supported to dioscorea
7. Explain the distillation of oil in jasmine

IV Write essay on ANY ONE

(1 x 10=10)

1. Write about the cultural practices for Patchouli and digitalis
2. Discuss the present status and future prospects of medicinal plant cultivation