



KERALA AGRICULTURAL UNIVERSITY

B.Sc.(Hons).Forestry 2017 Admission

IV Semester Final Examination-July 2019

Fbti.2206

Medicinal And Aromatic Plants (1+1)

Marks: 50

Time:2 hours

(10x1=10)

I Answer the following

- 1 Scientific name of Palmarosa.
- 2 Family to which Patchouli belongs.
- 3 Main aromatic chemical obtained from mint oil.
- 4 Name of the aromatic grass used for soil conservation.
- 5 Name an alkaloid obtained from Rauwolfia.

State true or false

- 6 Root is the economic part used in *Sida cordifolia*.
- 7 *Indigofera tinctoria* is used as hair tonic.
- 8 Duration of medicinal yam is 6 months.
- 9 Heart wood is the part used in Cinchona.
- 10 Aconitum is a Himalayan plant.

(5x2=10)

II Write short notes on ANY FIVE

- 1 Propagation methods in Japanese mint.
- 2 Harvest and post harvest handling of jasmine for oil extraction.
- 3 Uses of Rauwolfia.
- 4 Multiple uses of vetiver.
- 5 Cultivation practices of *Adathoda zeylanica*.
- 6 Parasitism in Sandal.
- 7 Medicinal uses of Costus and Digitalis.

(5x4=20)

III Answer any FIVE of the following.

- 1 Ethnomedicines.
- 2 Nursery techniques, spacing and field planting of aromatic grasses.
- 3 Medicinal/aromatic trees, their botanical name and parts used.
- 4 Rare, Endangered and threatened species of medicinal plants and the reasons for threat.
- 5 Cultural and manurial practices in *Plumbago zeylanica* and Patchouli.
- 6 Extraction of Cinchona bark.
- 7 Neem is a village dispensary – Discuss.

(1x10=10)

IV Answer any ONE of the following

- 1 Role of medicinal and aromatic plants in Indian economy
- 2 Give the cultivation practices of *Kaempferia galanga* & *Indigofera tinctoria* indicating Soil and climate, varieties seed rate, spacing, planting cultural practices, manuring harvesting, yield, curing and storage
