

KERALA AGRICULTURAL UNIVERSITY
B.Sc (Hons.) Forestry 2015 Admission
IV Semester Final Examination-August-2017

Medicinal and Aromatic Plants (1+1)

Tpbr.2207

Marks: 50
Time: 2 hours

I Fill up the Blanks

(10x1=10)

- 1 Expand ISM
- 2 Arka Upkar is a variety of -----
- 3 The alkaloid obtained from belladonna is -----
- 4 The economic part used in *Acorus* is -----
- 5 The head quarters of CIMAP is situated in -----

State True or False

- 6 Medicinal plants are minor forest produces.
- 7 Essential oils have no apparent function in the plants primary metabolism.
- 8 Serpentine is a glycoside.
- 9 Sandal wood belongs to the family Asteraceae.
- 10 Cinchona is used for antimalaria.

II Write short notes on any FIVE

(5x2=10)

- 1 Define medicinal plants
- 2 Brief the climate and soil for *Dioscorea*.
- 3 Name three varieties of *Solanum khasianum* (*S. viarum*)
- 4 Climate and soil for geranium
- 5 Brief the uses of vettiver
- 6 Explain the harvest and yield of lemon grass.
- 7 Explain the medicinal uses of *Strychnos*.

III Answer any FIVE

(5x4=20)

- 1 Explain the distillation of essential oil.
- 2 Explain the different propagation methods in *Dioscorea*.
- 3 Explain the climate, soil, propagation and harvesting of senna.
- 4 Harvesting details of vettiver
- 5 Explain the propagation, planting and intercropping in patchouli.
- 6 Explain the concrete extraction in jasmine.
- 7 Brief the cultivation details of neem.

IV Write essay on any ONE

(1x10=10)

- 1 Write the scope and importance of medicinal and aromatic crops in India.
- 2 Explain about cultivation details of fox glove.
