

B.Sc. (Ag.) Honours Semester-IV Examination, 2017
Course No.: HOR-221
(Production Technology of Spices, Aromatic, Medicinal &

Plantation Crops)

Signature of Centre Superintendent

Roll No.: (in figure) _____ (in words) _____

Student Index No. _____ Regn. No. _____ of _____

Time: Two Hours

Full Marks: 40

Questions are of value as indicated in the margin

Part-I
(Objective and Short Answer Type)
(Use only ball point pen)

Time: 20 minutes

Full Marks: 10

Note: 1. Answer in question paper itself.

2. Striking, rewriting or overwriting are not allowed in the objective type questions.

1. State True (T) or False (F) in respect the following statements (any ten):

0.5×10=5

- a. Karnataka is the major black pepper producing state of India. ☐
- b. 'Malabar' and 'Mysore' types are related to Ginger. ☐
- c. Fenugreek is one seed spice that can also be used as green herb. ☐
- d. Chandra Sankara is a hybrid of coconut between COD × WCT. ☐
- e. Crown chocking and bud rot are common problem of betel vine. ☐
- f. Multi tier cropping is common in aromatic plants. ☐
- g. 'Isubgol' is related to the Plantaginaceae family. ☐
- h. Patented cancer drug can be obtained from leaf of *Dioscorea*. ☐
- i. Capsule is the commercial plant part of opium poppy. ☐
- j. Tuber is the propagating material of sarpagandha. ☐
- k. The oil of lemon grass is commonly known as 'Cochin Oil'. ☐
- l. Praman is a variety of citronella grass. ☐

2. Fill up the blanks with most appropriate words:

0.5×10=5

- a) _____ type of shoots are the bearing shoots in black pepper.
- b) Rio-de-Jeneiro is a variety of _____.
- c) Boiling is a step of processing in _____ spice.

P.T.O.

(2)

- d) Seed rate of coriander is _____ kg/ha.
- e) Kali Bangla is a popular variety of _____.
- f) _____ is one value added beverage of cashew apple.
- g) Kali Paak is one processed product of _____.
- h) Botanical name of medicinal yam is _____.
- i) Oil of palmarosa is commonly known as _____.
- j. The raw material for synthesis of steriodal hormones is _____.

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Part - II
(Descriptive Type)

Time: 100 Minutes

Full Marks: 30

Questions are of value as indicated in the margin.

Answer any four questions from the following.

3. Briefly enumerate the production technology of ginger with special reference to soil & climate, varieties, propagation & planting, nutrient management & harvesting. 7.5
 4. Discuss the improved package of practices for arecanut in light of varieties, nursery raising, planting, nutrient management, maturity & harvesting. 7.5
 5. Briefly enumerate the production technology of coconut with respect to mother palm selection and nursery raising, planting, nutrient management and harvesting. 7.5
 6. Describe the package of practices for periwinkle production stating climate & soil, varieties, planting, nutrient management and harvesting & yield. 7.5
 7. State the improved cultivation technology of opium poppy with special reference to soil & climatic requirement, varieties, sowing and seed rate, lancing and yield. 7.5
 8. Write in brief about the production technology of citronella grass with respect to varieties, propagation & planting, nutrient management, harvesting and yield. 7.5
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