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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Agriculture (2014 & Onwards) (Sem.-7)

**PRODUCTION TECHNOLOGY OF SPICES, AROMATIC
MEDICINAL AND PLANTATION CROPS**

Subject Code : BSAG-CS 705

M.Code : 74832

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A**1. Write short notes on :**

- (a) First and second grade guggal
- (b) Propagation of lemon grass
- (c) Planting cocoa as mixed crop with arecanut/coconut
- (d) Processing in coffee
- (e) Oleorein
- (f) Curing in Cardamom
- (g) Propagation and planting of turmeric
- (h) Distillation in Pepper
- (i) Arabica and robusta coffee
- (j) Sowing of Fenugreek



SECTION-B

2. Enumerate the techniques to minimize the shattering losses in Celery.
3. Discuss the vegetative propagation of cocoa.
4. Comment on '*Areca nut can be raised successfully in northern parts of India*'.
5. Discuss the desirable traits for selecting mother palm in Coconut.
6. Explain the high density planting and nutritional requirements of Cashew.

SECTION-C

7. A farmer has large dairy unit at his farm and wishes to recycle dairy waste to grow a crop. He is planning to raise either turmeric or ginger. Suggest the farmer suitable crop and describe all agro-techniques to raise that crop successfully under Punjab conditions.
8. Discuss the process of mulching and intercropping in ginger along with the processing techniques (five main products) of the ginger rhizome.
9. Discuss the planting, training/pruning and the concept of trailing & lowering of vines in Betelvine.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.