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**MAM-002**

**POST GRADUATE DIPLOMA IN  
PLANTATION MANAGEMENT  
(PGDPM)**

**Term-End Examination**

**December, 2022**

**MAM-002 : CROP PRODUCTION TECHNOLOGY**

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** (i) *Attempt any **ten** questions.*

(ii) *All questions carry equal marks.*

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1. (a) Write brief notes on the following :  $2 \times 5 = 10$ 
  - (i) All spices
  - (ii) Assam tea
  - (iii) Green budding in rubber
  - (iv) Robusta coffee
  - (v) Mother palm selection in coconut
  
2. Describe the technique of soft wood grafting in cashew. 10

**P. T. O.**

3. Give an account on Arabica coffee varieties in India. 10
4. Write short notes on any *two* of the following : 2×5=10
- (i) Coconut hybrids
  - (ii) High density planting in cashew
  - (iii) Biofertilizers
5. Discuss the need of organic certification in spices and procedure for certification. 10
6. Give the following : 2×5=10
- (i) *Two* ecotypes of cardamom
  - (ii) *Two* standards for pepper
  - (iii) *Two* coconut varieties
  - (iv) Spacings for tall Arabica and Robusta coffee
  - (v) *Two* major pests of coffee
7. Describe briefly the non-parasitic maladies in rubber cultivation. 10
8. Write down the approaches for controlling white stem borer in organic coffee estates. 10

9. How are plant nutrients classified ? Write down the importance of one major nutrient, its recommendation and method of application in tea plantations. 10
10. What is IPM ? What are the basic requirements to make IPM perfect ? How do you construct an IPM model for plantation crops ? 10
11. Narrate the cultural practices for cashew. 10
12. How is INM important in cashew ? Describe its methods. 10
13. How do you establish and maintain a clove plantation to have regular yield ? 10