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MAM-002

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

Term-End Examination

June, 2023

MAM-002 : CROP PRODUCTION TECHNOLOGY

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

1. Give the following : 2×5=10
 - (a) Scientific name of clove and cardamom
 - (b) *Two* coffee varieties suited for organic farming
 - (c) *Two* black pepper varieties
 - (d) *Two* drought tolerant Arabica strains
 - (e) *Two* important pests of rubber
2. Write briefly on the objectives of pruning in tea. Describe the types of pruning, pruning cycle and post-pruning care in tea. 10
3. Describe the cultural practices in a mature rubber plantation. 10
4. Discuss about shade management practices in tea. 10

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5. Write notes on the following : 2.5×4=10
- (i) Garcinia
 - (ii) Brown budding in rubber
 - (iii) China tea
 - (iv) Vegetative propagation in cashew
6. Discuss about the planting and establishment of black pepper plantation. 10
7. Write short notes on any *two* of the following : 2×5=10
- (i) Scion bank
 - (ii) INM
 - (iii) Nomenclature of rubber clones
8. Write briefly the approaches for controlling coffee berry borer. 10
9. List out the important leaf diseases of rubber and their causal organisms. Describe the symptoms and control measures of any *two* diseases. 10
10. What is GAP ? Write the principles and approaches of GAP . 10
11. Narrate the cultural practices for cashew. 10
12. Give an account of inter and mixed cropping system in coconut plantation. 10
13. How do you establish and maintain a nutmeg plantation ? 10

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