

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

**Term-End Examination**

**June, 2022**

**MAM-002 : CROP PRODUCTION TECHNOLOGY**

*Time : 3 hours*

*Maximum Marks : 100*

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**Note :** *Attempt any **ten** questions. All questions carry equal marks.*

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1. Explain the multiplication techniques used for propagation of black pepper. 10
2. What is Integrated Pest Management (IPM) ? Construct an IPM model for small cardamom. 10
3. Describe the need and the procedure for organic certification. 10
4. What are the climate requirements for tea cultivation ? Explain the characteristics of economically important species/varieties of tea. 10
5. Discuss the deficiency symptoms and application of primary nutrients in tea plantation. 10
6. What are the major leaf feeder pests of tea ? Explain their symptoms of damage. 10

7. Discuss the advantages and procedure of root trainer planting technique for preparing rubber planting materials. 10
  
  8. Explain the importance of cover crop establishment in rubber plantation along with suitable cover crops. 10
  
  9. Discuss the non-parasitic maladies found in rubber plantation. 10
  
  10. What are the practices followed for proper bush management in coffee ? 10
  
  11. Explain the damage symptoms and control measures of coffee leaf rust. 10
  
  12. Discuss the scope and factors considered for inter and mixed cropping in coconut. 10
  
  13. What are the major pests of cashew ? Explain their damage symptoms and control measures. 10
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