

00220

# POST GRADUATE DIPLOMA IN PLANTATION MANAGEMENT (PGDPM)

Term-End Examination

December, 2011

## MAM-003 : POST HARVEST MANAGEMENT AND VALUE ADDITION

Time : 3 hours

Maximum Marks : 100

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

1. (a) Expand the following abbreviations : 5x1=5
  - (i) DRC
  - (ii) CNSL
  - (iii) TPD
  - (iv) CTC
  - (v) LFT
- (b) What are the uses of clove ? 5
  
2. (a) How is small cardamom processed ? 5
- (b) List out the methods of roasting cashewnut.  
Describe any one method 2+3=5
  
3. (a) Explain the methods of yield stimulant application in rubber. 5
- (b) How is grading done in cashewnut ? 5

4. Write short notes on *any two* : 2x5=10
- (a) Monsooned Malabar coffee
  - (b) Value addition in spices
  - (c) Harvest maturity of black pepper
5. Describe the steps involved in producing parchment coffee. 10
6. (a) List out value added products from mature coconut meat and explain the method of making any one product. 5
- (b) Explain quality requirement of raw cashewnut in India. 5
7. (a) What are the uses of coir pith ? 5
- (b) Define tapping. Describe standard of tappability in budded plants and seedlings of rubber. 5
8. Explain briefly the technique of Controlled Upward Tapping (CUT). 10
9. (a) List out the factors influencing response of rubber to stimulation. 5
- (b) How is grading done in coffee ? 5

10. Differentiate between : 4x2½=10
- (a) Decaffeinated coffee and organic coffee.
  - (b) W 320 and W 150
  - (c) Green Tea and Black Tea
  - (d) Cherry coffee and washed coffee
11. (a) What are the conditions for safe storage of raw coffee ? 5
- (b) Fill in the blanks. 5
- (i) The major group of polyphenolic compounds in young tea is \_\_\_\_\_
  - (ii) The popular tapping knives for base panel are \_\_\_\_\_ and \_\_\_\_\_.
  - (iii) The DRC of field latex ranges from \_\_\_\_\_ to \_\_\_\_\_ %.
12. (a) Describe the traditional method of extracting coconut oil. 5
- (b) What are the uses of pepper oleoresin ? 5
13. (a) What is improved 'Bhatti' curing of large cardamom ? 5
- (b) What are the integral components of HACCP standards in quality management of spices ? 5

14. (a) Explain briefly value added products of nutmeg. 5
- (b) How does CTC tea differ from orthodox tea ? 5
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