

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

Term-End Examination

June, 2012

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

Time : 3 hours

Maximum Marks : 100

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

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1. (a) Expand the following abbreviations : 5x1=5
 - (i) CUT
 - (ii) MRL
 - (iii) VCO
 - (iv) HACCP
 - (v) RSS
 - (b) Explain the uses of nutmeg. 5

 2. (a) How is large cardamom processed ? 5
 - (b) Explain GAP and GMP for parchment coffee 5

 3. (a) What is the purpose of roll breaking in tea manufacture ? 5
 - (b) List out the steps in Chinese style of green tea manufacture 5

4. Write short notes on *any two* 2x5=10
- (a) Single origin coffee
 - (b) Desiccated coconut
 - (c) Preservatives of field latex
5. Briefly explain methods of copra processing 10
6. (a) How is demucilaging done for preparing parchment coffee ? 5
- (b) What do you mean by theaflavin and thearubigin ? 5
7. (a) How are whole cloves graded ? 5
- (b) What are the uses of pepper oleoresin ? 5
8. (a) Describe notations for tapping method 5
- (b) How is cashewnut useful in human diet ? 5
9. (a) Describe harvesting technique of black pepper 5
- (b) List out value added products of mace 5
10. (a) What are the factors influencing drying process in tea manufacture ? 5
- (b) What are Indian Estate Branded coffees ? 5

11. Differentiate between : 10
- (a) Pepper oil and pepper oleoresin
 - (b) Instant tea and flavoured tea
 - (c) W 210 and W 400
 - (d) BO - 1 and BO - 2
12. (a) How is reclaimed rubber manufactured 5
- (b) Fill in the blanks. 5
- (i) _____ is a mechanical device developed by the Kerala Agricultural University for dehusking of coconut.
 - (ii) Speciality tea prepared from fresh buds dried under sunlight is known as _____
 - (iii) The condition where in fruit development takes place without pollination is called _____
 - (iv) The approximate number of cardamom capsules/kg is _____
 - (v) Latex vessels are oriented at an angle of _____ to _____ °
13. (a) List out the methods of concentration of latex 5
- (b) What are the steps involved in processing of raw cashewnut ? 5

14. (a) What is cori geo-textiles ? What is it used for ? 5
- (b) What are the objectives of withering tea ? 5
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