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MAM-003

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

Term-End Examination

June, 2022

**MAM-003 : POSTHARVEST MANAGEMENT AND
VALUE ADDITION**

Time : 3 Hours

Maximum Marks : 100

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

1. Define the following : 5×2=10
- (a) Parchment
 - (b) Milling copra
 - (c) Silver tips tea
 - (d) Cardamom oil
 - (e) Crepe rubber

P. T. O.

2. Substantiate the following statements (any *four*) :

$$2\frac{1}{2} \times 4 = 10$$

- (a) Robusta coffee is predominantly processed by the dry method.
- (b) Withering is an important step in tea manufacture.
- (c) Kerala is the leading black pepper producing state in India.
- (d) Coconut oil is the king of vegetable oils.
- (e) Field of latex is influenced by a number of factors.

3. (a) Give one-word answer to the following :

$$1 \times 5 = 5$$

- (i) Ideal moisture content of PLC
- (ii) Average yield of cardamom in Kerala
- (iii) The largest producer and exporter of green tea
- (iv) Economic life of tall coconut palm
- (v) Coffee drier

- (b) What are the integral components of HACCP standards in quality management of spices ? 5

4. Write *two* examples each for the following :

2×5=10

- (a) Value added pepper extractives.
- (b) Value added products of cashewnut.
- (c) World's best known specialty coffee.
- (d) Common processing methods for Arabica and Robusta.
- (e) Grades of sheets produced in group processing centres.

5. Write briefly on the following :

$2\frac{1}{2} \times 4 = 10$

- (a) Preservation of field latex
- (b) Coconut shell powder
- (c) Nutmeg butter
- (d) Decaffeinated coffee

6. (a) How is marking of rubber trees done ? 4

(b) Describe LFT. 6

7. (a) What are Agmark grades for spices ? 4
(b) How are nutmegs classified ? Describe its categories. 6
8. Describe the different steps of CTC tea manufacture. 10
9. Describe the method of copra processing. 10
10. Describe briefly on diversification and value addition in coconut food processing sector. 10
11. Give a brief account of rubber marketing in India. Suggest measures for economic viability of rubber plantation in India. 10
12. Write a brief account on coffee curing. 10
13. Discuss briefly on value addition in spices. 10