

ASSIGNMENT BOOKLET

Post Graduate Diploma in Plantation Management (PGDPM)

Assignments for July 2018 session



**School of Agriculture
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INSTRUCTION FOR ASSIGNMENTS

As a part of PGDPM Programme, each candidate has to do one Tutor Marked Assignment (TMA), in all the four courses except course MAMP – 001: Project Work. These TMAs comprise theoretical as well as practical assignments.

Assignments carry 30% weightage in the continuous evaluation process of a course. The term-end examinations carry 70% weightage.

The assignments will be evaluated by the Counsellors at the study centre and the respective weightage of marks will be added to their percentage of marks obtained at the term-end examination. Each candidate will have to complete assignments in order to appear in the term-end examination. Candidates are, therefore, advised to take assignments seriously and submit them in time.

INSTRUCTIONS FOR TUTOR MARKED ASSIGNMENTS

- 1) *The validity of the assignment is ONE YEAR. If you fail to submit the assignments before the due date, you are supposed to attempt the fresh set of assignments of next year (e.g. if a student of July 2018 session fails to submit his/her assignments within the due dates, he/she will have to attempt the fresh assignments of July 2019 session).*
- 2) Write your Enrolment Number, Name, Full Address and Date of Despatch at the top right-hand corner of the first page of your answer sheet.
- 3) Write the Programme Title, Course Title, Assignment Code, Code and Place of the Study Centre on the left-hand corner of the first page of your answer sheet.

The top of the first page of your answer sheet for each assignment should be as follows:

Programme Title	Enrolment No.
Course Code & Title.....	Name
Assignment Code	Address
Study Centre (Code).....
Study Centre/TLC.....
(Place)	Date

Note: Students are required to follow this format strictly otherwise the assignments will not be evaluated.

- 4) **Assignments have to be sent to the Programme Coordinator of your Study Centre within the due date as mentioned below:**

Assignment No.	Last date of submission
Assignment 1 (MAM-001)	26 th October, 2018
Assignment 2 (MAM-002)	30 th November, 2018
Assignment 3 (MAM-003)	31 st January, 2019
Assignment 4 (MAM-004)	15 th March, 2019

- 5) **We strongly suggest that you should retain a copy of your assignment responses.**
- 6) Your answer sheet should be complete in all respects. Make sure that you have answered to all the questions in assignments before you submit them. Incomplete answer sheets will lead to poor marks.
- 7) As far as possible students are advised to give the relevant points from the course material and elaborate their answers and explanations in their own language instead of reproducing the language of the course materials.
- 8) You are advised not to copy from the study material while attempting the assignments. In case **it is found that the assignments have been copied from study material, you will be awarded zero marks.**
- 9) Avoid copying from the answer sheets of other students. If copying is noticed, the assignments of such students will be rejected.
- 10) Use only foolscap size paper for your answers, ordinary writing paper, neither too thick nor too thin, will do. Assignments should be hand written, typed assignment are not acceptable.
- 11) Leave 3" margin on the left and at least 4 lines in between each answer in an assignment. This will enable your Counsellor to write useful comments in appropriate places. Write question number for each answer.
- 12) The Coordinator of your Study Centre will return the evaluated assignments to you. This will also include a copy of assessment sheet containing global comments of the evaluator on your performance in the assignments. This will enable you to improve in your future assignments as well as in the term-end examinations.
- 13) The Tutor Marked Assignments should be sent to the Coordinator/Programme In-charge of the Study Centre allotted to you.

Assignment -1

Course Code: MAM-001

Course Title: Introduction to Plantation Management

Assignment Code: MAM-001/TMA-01//Jul 2018

Maximum Marks: 50

Note: Attempt any *five* questions. Answer to each question should be about 500 words. Each question carries 10 marks.

1. Explain the profile and contribution of plantation sector in Indian agriculture.
2. What do you understand by globalization? Discuss about WTO agreements relevant to plantation sector.
3. Define entrepreneur. Discuss different type of entrepreneurs.
4. Explain the followings:
 - a. Ventures technologies in plantation sector
 - b. Domestic consumption and exports of Coffee
5. Discuss the concept of management, level of management and skills required for management.
6. Write short notes on the following:
 - a. Contract farming for commodity
 - b. Lean management and form of waste
7. Explain the meaning, importance and tools of total quality management?
8. Describe the role of international commodity organizations in the promotion of plantation sector.

Assignment – 2
Course Code: MAM-002
Course title: Crop Production Technology

Assignment Code: MAM-002/TMA-01//Jul 2018
Maximum Marks: 100

Attempt any *ten* questions. Answer each question in about 500 words. All questions carry equal marks.

1. Explain the agro-climatic requirements, varieties, propagation and planting of black pepper.
2. Discuss the concept of Integrated Nutrient Management (INM)? Briefly explain the INM practices in spices crops.
3. Explain the following:
 - a) Procedure of Organic Certification
 - b) Principles and Approaches to GAP
4. What is plucking in tea? Discuss the growth rhythm of shoots and plucking styles in tea.
5. Describe the following:
 - a. Process of collecting representative soil sample for soil testing
 - b. Application of micro nutrients in tea plantation
6. Discuss the symptoms and control measures of important diseases of tea.
7. What are areas suitable for rubber plantation? Explain the suitable soil for cultivating rubber.
8. Discuss the various cultural operations required for sustained yield and profitability in rubber plantation.
9. What are important diseases of rubber? Discuss the symptoms and control measures of leaf diseases of rubber.
10. Explain the method of seed propagation and vegetative propagation in coffee.
11. Discuss the production practices followed for organic coffee production in India.
12. (a) Discuss the climatic and soil requirements for coconut cultivation.
(b) Write a note on inter and mixed cropping in coconut plantation.
13. (a) Explain the method of softwood grafting in cashew.
(b) Enlist the major pests of cashew. Explain the nature of damage and management of Tea Mosquito Bug.

Assignment – 3
Course Code: MAM-003
Course title: Post Harvest Management and Value Addition

Assignment Code: MAM-003/TMA-01/ Jul 2018
Maximum Marks: 100

Attempt any *ten* questions. Answer each question in about 500 words. All questions carry equal marks.

1. What is harvest maturity? Discuss the harvest maturity stages of black pepper, cardamom and tree spices?
2. Discuss the primary processing techniques of black pepper and white pepper.
3. Describe the various value added products of cardamom.
4. What is rolling in tea manufacturing? Explain the procedure of rolling in orthodox.
5. Differentiate between CTC tea, green tea and orthodox tea. Explain the procedure of rolling in orthodox tea.
6. Discuss about various value added and natural products from tea.
7. What is tapping in rubber? State the procedure and guidelines for opening of tapping.
8. What are marketable forms of natural rubber? Explain the stages in production of smoked sheet rubber.
9. Explain the optimum storage conditions for different rubber products.
10. What is ideal location for establishment of coffee mill? What are the machinery required for secondary processing of coffee?
11. Discuss the quality specifications for different grades of Indian coffee.
12. What are different traditional coconut products? Discuss their utilization and method of processing.
13. Describe the steps involved in processing of raw cashew nuts.

Assignment - 4
Course Code: MAM-004
Course title: Human Resource, Marketing and Financial Management

Assignment Code: MAM-004/TMA-01/ Jul 2018
Maximum Marks: 50

Attempt any *five* questions. Answer each question in about 500 words. Each question carries 10 marks.

1. What do you understand by human resource management and personal management? Explain the salient features of human resource management in plantations.
2. Discuss the role of trade unions in plantation. Briefly explain the welfare measures in plantations.
3. Discuss types of communication channels. What are the barriers to effective communication?
4. What do you understand by the concept of marketing? Explain about the agri-marketing mix.
5. Describe the components of logistics and supply chain management in plantation business.
6. What is advertisement? Explain objectives and steps in developing advertising campaign.
7. Write short notes on the following:
 - a) Cash Cycle
 - b) Uncertainty and risk
8. Explain the following:
 - a) Functioning and regulations of commodity exchanges
 - b) Methods of costing.