

ASSIGNMENT BOOKLET

Post Graduate Diploma in Plantation Management (PGDPM)

Assignments for July 2022 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. 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 2022 session fails to submit his/her assignments within the due dates, he/she will have to attempt the fresh assignments of July 2023 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.**
- 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 2022

Maximum Marks: 50

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

1. Define plantation management. Discuss its scope and functions.
2. Discuss the formation and functions of the Tea Board and the Rubber Board.
3. What do you understand by entrepreneur and entrepreneurship? Discuss the types of entrepreneur and entrepreneurship.
4. Explain the following:
 - a) Basic principles of WTO
 - b) Positive impact of globalization on plantation sector.
5. Discuss the distribution and production of tea along with contribution to the national economy.
6. Discuss the following:
 - a) Agro climatic condition suited Arabica coffee.
 - b) Types of tea
 - c) Area and production of black pepper
 - d) Production of cashew nut in India
7. Discuss the concepts and principles of operation strategies for plantations.
8. Describe the role and importance of international organizations in development of plantation sector.

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

Assignment Code: MAM-002/TMA-01//Jul 2022
Maximum Marks: 100

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

1. Describe the cultural, nutrient and pest management practices followed in cultivation of black pepper.
2. Explain the concept and principles of Good Agricultural Practices (GAP). Discuss the standards followed in production and pest & diseases management under spices crops.
3. What do you understand by IPM? Discuss about the information required to construct IPM model with reference to small cardamom.
4. What is pruning in tea? Discuss the different types of pruning advocated in tea. Also discuss the pruning cycle and post pruning care in tea.
5. Discuss the nutrient management practices followed in tea plantation.
6. Explain the following in brief:
 - a) Shade management in the plantation.
 - b) Common weeds of tea and their control.
7. Discuss about the nursery and planting material production in rubber.
8. Describe the operations performed in planting of rubber.
9. What are different types of sprayers and dusters used in rubber plantation? Discuss in detail.
10. Discuss about the coffee growing region and agro- climatic conditions suitable to coffee.
11. Describe the production technology for organic coffee in India.
12. Discuss the cashew propagation through soft wood grafting technique.
13. What are the major diseases of coconut? Discuss their casual organism, symptoms and methods of control.

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

Assignment Code: MAM-003/TMA-01/ Jul 2022

Maximum Marks: 100

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

1. Discuss about harvest maturity and harvesting techniques of black pepper and cardamom.
2. Describe the good manufacturing practices and quality regulations in primary processed spices.
3. Discuss about the value added products developed from tree spices.
4. What are the biochemical changes take place during fermentation of crushed teas. Discuss the methods of fermentation.
5. How orthodox tea is different from CTC tea? Discuss the process of orthodox tea manufacture.
6. Discuss the manufacturing, quality evaluation and packing of ‘silver tip’ speciality tea.
7. Discuss in detail the process and systems of tapping in rubber.
8. Explain the methods of preservations and concentration of latex.
9. Discuss the optimum conditions for storage of processed rubber.
10. What are the methods of processing of coffee at the estate level? Discuss any one method.
11. Discuss the following:
 - a) Ideal location for establishment of coffee mills.
 - b) Milling of cherry coffee.
12.
 - a) What are the different types of nuts harvested from a coconut palm?
 - b) Discuss about the value added products from coconut shell.
13. Describe the steps involved in processing of raw cashew nut?

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

Assignment Code: MAM-004/TMA-01/ Jul 2022
Maximum Marks: 50

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

1. Discuss the meaning and characteristics of human resource management. Describe the changes in business environment that have direct or indirect implications on human resource practices.
2. What is industrial relations? Describe the scope and approaches of industrial relations.
3. Define communications process. Discuss in brief elements and channels of communication process.
4. Discuss the following:
 - a) Classification of markets
 - b) Marketing mix
5. What do you understand by marketing information system (MIS)? Discuss in brief the various sub systems of MIS.
6. Discuss the meaning and components of supply chain management.
7. Explain the following:
 - a) Depreciation and methods of calculating depreciation.
 - b) Double entry accounting system.
8. Write short notes on the following:
 - a) Cost of credit
 - b) Managing cash flows
 - c) Hedging
 - d) Forward Market Commission