

ASSIGNMENT BOOKLET

Post Graduate Diploma in Plantation Management (PGDPM)

Assignments for July 2019 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 2019 session fails to submit his/her assignments within the due dates, he/she will have to attempt the fresh assignments of July 2020 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)	28 th October, 2019
Assignment 2 (MAM-002)	29 th November, 2019
Assignment 3 (MAM-003)	30 th December, 2019
Assignment 4 (MAM-004)	28 th February, 2020

- 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 2019

Maximum Marks: 50

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

1. What are major plantation crops of India? Discuss the area, production and regions of cultivation of major plantation crops in India.
2. Describe the share of India in export and import of plantation products.
3. What do you understand by globalization under the WTO? Explain the basic principles of the WTO.
4. What is meant by entrepreneur? Discuss the steps involved in setting up enterprises?
5. Explain the concept of management? Discuss the skills required for an effective manager.
6. What is Total Quality Management (TQM)? Discuss the TQM tools and their applications in plantation management.
7. Discuss the formation, constitution, role and functions of the Tea Board.
8. Briefly discuss the international commodity organizations promoting plantation crops.

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

Assignment Code: MAM-002/TMA-01//Jul 2019
Maximum Marks: 100

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

1. Discuss the practices followed for planting, establishment of plantation and cultural operations in black pepper.
2. What is Integrated Pest Management (PNM)? Discuss the IPM package for cardamom.
3. Describe the organic production methods followed in cardamom.
4. Explain the procedure of preparing quality plants in clonal tea nursery.
5. Describe types of soil required for growing tea. What are the major nutrients needed for growth of tea plantation.
6. Which are common pests of tea crop? Discuss the symptoms of damage by these pests.
7. Explain the conditions required for agro-climatic suitability for rubber cultivation.
8. Discuss the important physical and chemical properties of soil which affect growth of rubber.
9. Describe the symptoms and control measures of rubber diseases that occur in India.
10. Discuss about the practices followed in coffee bush management.
11. Explain the steps involved in establishment and management of new organic coffee plantation.
12. Explain the following:
 - (a) Varieties of coconut
 - (b) Inter and mixed cropping in coconut plantation.
13.
 - (a) Explain the techniques of high density planting to increase productivity of cashew nut.
 - (b) Which are the major pests of cashew? Explain their management practices.

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

Assignment Code: MAM-003/TMA-01/ Jul 2019
Maximum Marks: 100

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

1. Explain the following:
 - a) Harvesting techniques of spice crops
 - b) Yield of spice crops
2. Discuss the good manufacturing practices (GMP) in spices. Also explain the quality regulations in primary processed spices.
3. Explain the secondary processing techniques employed in spices.
4. What is the importance of withering in tea manufacturing? Discuss the process and machines used for withering in CTC tea manufacturing.
5. Explain the process of rolling and fermentation in orthodox tea manufacture?
6. Discuss about tea products which are manufactured as part of the product diversification and value addition?
7. What is tapping in rubber? Explain the tapping notations and system of tapping.
8. Discuss the stages in production of smoked sheet rubber. Also explain the sorting and grading of sheets.
9. What are the methods of primary (on-farm) processing of coffee? Discuss stages in wet method of processing.
10. What do you understand by specialty coffees? Discuss about best known specialty coffees, their types, and characteristics.
11.
 - a) What are the methods used for grading of coffee beans?
 - b) Discuss about the materials used for packaging of raw (unhulled) coffee and clean coffee.
12. Discuss about the diversification and value addition in coconut food processing sector.
13.
 - a) Explain the method of cashew harvesting.
 - b) Explain the reasons for quality deterioration of kernels during cashew processing.

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

Assignment Code: MAM-004/TMA-01/ Jul 2019
Maximum Marks: 50

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

1. a) What is recruitment? Explain the sources of recruitments.
b) What are the salient features of human resource management in plantations?
2. What do you understand by labour management in plantations? Discuss the labour laws applicable to plantations.
3. Discuss the types and determinants of conflicts. What are the strategies to minimise conflicts.
4. What is meant by agri-marketing mix? Discuss the components of marketing mix.
5. Define logistics and supply chain management. Explain the components of logistics and supply chain.
6. a) Explain the double entry accounting system.
b) Explain the concept and methods of depreciation.
7. What do you understand by budget and budgetary control? Explain the types of budget and major steps involved in preparation of budgets.
8. a) Explain the meaning and importance of credit risk assessment.
b) What is meant by forward contracts and futures contracts?