

ASSIGNMENT BOOKLET

Post Graduate Diploma in Plantation Management (PGDPM)

Assignments for July 2014 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 2014 session fails to submit his/her assignments within the due dates, he/she will have to attempt the fresh assignments of July 2015 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)	30 th September, 2014
Assignment 2 (MAM-002)	28 th November, 2014
Assignment 3 (MAM-003)	30 th January, 2015
Assignment 4 (MAM-004)	27 th February, 2015

- 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 2014

Maximum Marks: 50

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

1. Discuss the current scenario of production, consumption, export and import of tea.
2. Discuss the agro-climatic condition suitable for coffee production along with major coffee growing regions in the world.
3. Explain the basic guiding principles of World Trade Organization (WTO).
4. Describe the phases of entrepreneurship development process.
5. What are the principles of management? Discuss their importance in plantation management.
6. Discuss the constitution and functions of following Boards:
 - a) Coffee Board
 - b) Species Board
7. What do you understand by HACCP? Discuss the HACCP system for the operations in spices sector.
8. Explain the role of various international commodity organizations in the development of plantation sector.

Assignment – 2

Course Code: MAM-002
Course title: Crop Production Technology

Assignment Code: MAM-002/TMA-01//Jul 2014

Maximum Marks: 100

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

1. Discuss the propagation methods of black pepper and cardamom.
2. What is IPM? Discuss about information required to construct IPM model for plantation crops?
3. Explain the need and the procedure for organic certification along with brief discussion on important organic certifying agencies in India.
4. Discuss the climatic requirements and the nursery management practices for tea plantation.
5. Describe the growth rhythm and plucking styles of tea plantation.
6. Discuss the nutrients deficiency symptoms in tea plantation. How nutrients deficiencies in tea plantation are removed?
7. What is organic farming? Discuss the crop protection practices in organic tea plantation.
8. Discusses the root trainer planting methods of rubber propagation along with its advantages.
9. Discuss the important soil properties which affect growth of rubber plantation.
10. What are various non-parasitic maladies in rubber trees? Discuss their symptoms and control measures.
11. Explain the climatic conditions required for Arabic and Robusta coffee.
12. What are operations constitute bush management in coffee? Explain in detail.
13. Explain the followings:
 - a) Planning of coconut seedlings
 - b) Inter and mixed cropping in coconut
14. Discuss the varieties and propagation methods of cashew.

Assignment – 3

Course Code: MAM-003

Course title: Post Harvest Management and Value Addition

Assignment Code: MAM-003/TMA-01/ Jul 2014

Maximum Marks: 100

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

1. Discuss harvesting maturity parameters of black peppers and cardamom. Also discuss their harvesting methods.
2. Discuss the primary processing techniques of the following:
 - a) White pepper
 - b) Large Cardamom
3. Discuss about value added products from tree spices along with their uses.
4. What is rolling in tea manufacturing? Discuss the role, principles and mechanism of rolling in CTC tea manufacturing.
5. Discuss the manufacturing, quality evaluation and packing of ‘Silver tip’ speciality tea.
6. Explain the following:
 - a) Grades of CTC tea
 - b) Minimum quality standards for CTC tea
- 7 Explain the guidelines/criteria for opening of tapping in rubber plantation.
- 8 What are different marketable forms of natural rubbers? Discuss the procedure for production of smoked rubber sheet.
- 9 Discuss the channels of rubber marketing. Also discuss the government regulation on rubber sales and manufacturing to protect the interest of producers.
- 10 What are different methods of on-farm processing of coffee? Explain in brief the wet method of processing coffee?
- 11 Discuss the various types of Indian speciality coffee along with their characteristics.
- 12 Discuss the grading and sorting in green coffee marketing
- 13 Discuss in brief traditional and value added products from coconuts.
- 14 Discuss the reasons that lead to quality deterioration of cashew kernels. Also discuss how quality deterioration can be prevented in cashew kernels.

Assignment – 4

Course Code: MAM-004

Course title: Human Resource, Marketing and Financial Management

Assignment Code: MAM-004/TMA-01/ Jul 2014

Maximum Marks: 50

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

1. What is human resource planning? Discuss the process of human resource planning.
2. What do you understand by the industrial relations? Discuss the characteristics of labor and industrial relations in plantations.
3. What is meant by the communication? Discuss the communication channels and barriers to effective communication in organizations.
4. a) Define market. How agri-markets are classified?
b) Discuss the components of marketing mix.
5. Define market information system. Discuss the various sub-systems integrated in the market information system.
6. What is the importance of supply chain management (SCM)? Discuss the problems in SCM and measures to improve the supply chain network.
7. Explain the following:
 - a) Double entry accounting system
 - b) Methods of costing
8. What do you understand by the derivative contracts? Discuss the advantages and the types of derivative contracts.