

ASSIGNMENT BOOKLET

Post Graduate Diploma in Plantation Management (PGDPM)

Assignments for July 2016 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 2016 session fails to submit his/her assignments within the due dates, he/she will have to attempt the fresh assignments of July 2017 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, 2016
Assignment 2 (MAM-002)	30 th November, 2016
Assignment 3 (MAM-003)	31 st January, 2017
Assignment 4 (MAM-004)	28 th February, 2017

- 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.

Before attempting the assignments, please read the instructions carefully.

Wishing you all the best for successful completion of the PGDPM programme.

HAPPY LEARNING!

Programme Coordinator (PGDPM)

Assignment -1

Course Code: MAM-001

Course Title: Introduction to Plantation Management

Assignment Code: MAM-001/TMA-01/Jul 2016

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 plantation crops? Give details on area cultivated, production and value from different plantation crops to highlight their significant contributions to the national economy.
2. Discuss the trends in production and prices of tea in India.
3. What do you understand by globalization? Discuss the WTO agreements relevant to plantation sector.
4. Explain the concept of entrepreneur and entrepreneurship and discuss the procedure for setting up an enterprise.
5. What is contract farming? Discuss the stakeholders and models of contract farming.
6. Discuss in short various tools of World Class Business Management (WCBM).
7. What is meant by venture technologies? Discuss the various venture technologies in plantation crops.
8. Discuss the constitution and functions of following Boards:
 - a) Coffee Board
 - b) Species Board

Assignment – 2

Course Code: MAM-002

Course title: Crop Production Technology

Assignment Code: MAM-002/TMA-01/Jul 2016

Maximum Marks: 100

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

1.
 - a) Discuss the practices followed in establishment of pepper plantation.
 - b) Explain the various diseases of black pepper along with their management practices.
2. What is IPM? Discuss about information required to construct IPM model for plantation crops?
3. Discuss the agro-climatic requirements, propagation techniques, planting and cultural operations in small cardamom.
4. Discuss the traditional and non-traditional rubber growing regions of India.
5. Explain the establishment and maintenance practices of organic tea plantations.
6.
 - (a) Describe tea nursery management practices.
 - (b) Explain the importance of shade management in tea cultivation. Discuss the planting and post planting care of shade tree in tea plantation.
7. What do you mean by Good Agricultural Practices (GAP)? Explain the GAP for crop production and pest management.
8. Discusses the root trainer planting methods of rubber propagation along with its advantages.
9. Discuss the nutrient deficiency symptoms in rubber along with nutrient management practices.
10. Discuss the climatic requirements for robusta and arabica coffee.
11. Discuss the coffee growing regions in India, significance of coffee in the country and adverse climatic factors affecting the commercial coffee production.
12. Explain the followings:
 - a) Planning of coconut seedlings
 - b) Inter and mixed cropping in coconut
13.
 - a) What are practices followed for management of senile cashew plantation.
 - b) Discuss the important pest of cashew along with their control measures?

Assignment – 3

Course Code: MAM-003

Course title: Post Harvest Management and Value Addition

Assignment Code: MAM-003/TMA-01/ Jul 2016

Maximum Marks: 100

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

1. (a) Describe the primary processing techniques of black pepper.
(b) Define grading. Explain the grading specifications for Indian cardamom.
2. (a) What do you mean by secondary processing? Explain the solvent extraction method of secondary processing of spices.
(b) Briefly explain the techniques of maintenance of quality in spices.
3. (a) What do you mean by harvest maturity? Explain the harvest maturity stage of black pepper and its harvesting techniques.
(b) Discuss the factors affecting the flowering and fruiting of small cardamom.
4. (a) Differentiate between CTC and orthodox and green tea.
(b) Explain objective and procedure of fermentation in CTC tea manufactures.
5. Discuss the stages in green tea manufacture.
6. Discuss the followings in reference to rubber plantation:
 - a) Rainguarding
 - b) Yield stimulation
7. (a) What is crepe rubber? Discuss types of crepe rubber.
(b) Explain the stages in production of smoked sheet rubber
8. (a) Discuss the impact of storing natural rubber for longer periods on its properties?
(b) Explain the channel of rubber marketing by smallholders with the help of a flow chart.
9. a) Discuss the various methods of garbling (sorting) of coffee.
b) How green coffee is packed for shipping and how cup quality of coffee is affected by the bags for packing.
10. Describe the pre-requisite for production and distinct features of Indian specialty coffees.
11. Discuss the reasons that lead to quality deterioration of cashew kernels. Also discuss how quality deterioration can be prevented in cashew kernels.
12. Describe the various coconut water based value added products.
13. (a) Explain region wise flowering behaviour and time of fruit maturity of cashew. How will you determine the maturity of cashew for harvesting?
(b) Explain 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 2016

Maximum Marks: 50

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

1. What is meant by the communication? Discuss the communication channels and barriers to effective communication in organizations.
2. What do you understand by human resource management? Discuss its and significance in changing business environment.
3. What is the importance of supply chain management (SCM)? Discuss the problems in SCM and measures to improve the supply chain network.
4. a) What is balance sheet? Discuss its importance and components.
b) Discuss the source of risk in plantation sector.
5. (a) Define electronic market places. Explain features of electronic market places.
(b) Describe the importance and techniques of sales promotion
6. Discuss the followings:
a) Agri-marketing functions
b) Marketing Mix
7. State the advantages of derivatives contracts? Elaborate on the common types of derivatives as tools for risk management in plantation business.
8. Write short notes on:
a. Income Statement
a. Industrial relations