

ASSIGNMENT BOOKLET

APM-01

Bachelor's Degree Programme

**Application Oriented Course
in
INTEGRATED PEST MANAGEMENT**

(Valid from 1st January 2021 to 31st December, 2021)

**It is compulsory to submit the assignment before filling in the
Examination Form.**



**SCHOOL OF SCIENCES
Indira Gandhi National Open University
Maidan Garhi, New Delhi-110 068**

(2021)

Dear Student,

We hope you are familiar with the system of evaluation to be followed for the Bachelor's Degree Programme. At this stage you may probably like to re-read the section on assignments in the Programme Guide for Elective Courses that we sent you after your enrolment. A weightage of 30 per cent, as you are aware, has been earmarked for continuous evaluation which would consist of **one tutor-marked assignment** for this course.

Instructions for Formatting Your Assignments

Before attempting the assignment please read the following instructions carefully.

- 1) On top of the first page of your TMA answer sheet, please write the details exactly in the following format:

ENROLMENT NO.:

NAME:

ADDRESS:

.....

.....

COURSE CODE:

COURSE TITLE:

ASSIGNMENT NO.:

STUDY CENTRE: DATE:

PLEASE FOLLOW THE ABOVE FORMAT STRICTLY TO FACILITATE EVALUATION AND TO AVOID DELAY.

- 2) Use only foolscap size writing paper (but not of very thin variety) for writing your answers.
- 3) Leave 4 cm margin on the left, top and bottom of your answer sheet.
- 4) Your answers should be precise.
- 5) While solving problems, clearly indicate the question number along with the part being solved. Be precise. Recheck your work before submitting it.
- 6) **This assignment will remain valid for one year from January 1, 2021 to December 31, 2021.** However, you are advised to submit it within **12 weeks** of receiving this booklet to accomplish its purpose as a teaching-tool. Answer sheets received after the due date shall not be accepted.
- 7) **It is compulsory to submit the assignment before filling in the examination form.**

Answer sheets received after the due date shall not be accepted.

We strongly feel that you should retain a copy of your assignment response to avoid any unforeseen situation and append, if possible, a photocopy of this booklet with your response.

We wish you good luck.

ASSIGNMENT
(Tutor Marked Assignment)
INTEGRATED PEST MANAGEMENT

Course Code: APM-01
Assignment Code: APM-01/TMA/2021
Maximum Marks: 100

1. Write short notes on the following: (10)
- i) Concept of pest status
 - ii) Damage caused by nematodes

2. Complete the following table: (20)

Sl. No.	Name of the crop	Two major pests (Scientific names)	Damage caused by them
1.	Cotton		
2.	Sugarcane		
3.	Brinjal		
4.	Gram		
5.	Wheat		

3. Comment on *five* major IPM strategies. (10)
4. Write short notes on the following: (10)
- i) r and k pests
 - ii) Pest forecasting
5. Discuss simulation models and their applications in IPM. (10)
6. i) What are the limitations in formulating a pest management programme? (5)
- ii) What is meant by leaving a pest residue in pest management programme? (5)
7. Write short notes on the following: (10)
- i) Attractants
 - ii) Repellents
 - iii) Antifeedants
 - iv) Intercropping and Multicropping
8. i) Discuss three levels of IPM. (5)
- ii) Explain the mandate of Plant Health Clinics (PHCs). (5)
9. Explain pesticide resistance and pest resurgence. How can they be managed? (10)