

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc. (Hons.) Agri. Business Management

[ICAR-Sixth Deans' Committee Recommended Syllabus]

Semester	: II (New)	Term	: Second	Academic Year	: 2024-25
Course No.	: ENTO-121	Title	: Management of Insect Pests of Crops and Stored Grains		
Credits	: 2(1+1)				
Day & Date	: Thursday, 03.07.2025	Time	: 10:00 to 12:00 hrs.	Total Marks	: 40

- Note :
1. Solve ANY EIGHT questions from SECTION 'A'.
 2. All questions from SECTION 'B' are compulsory.
 3. All questions carry equal marks.
 4. Draw neat diagram wherever necessary.

SECTION 'A'

- Q.1 Enlist four insect pests of rice with their scientific names. Give in detail the management practices for brown plant hopper.
- Q.2 Describe in brief nature of damage and management practices for gram pod borer.
- Q.3 Mention the insect pests of soybean with scientific names. Write the nature of damage and management practices for girdle beetle.
- Q.4 State four insect pests of cotton with scientific names. Describe the management practices for pink bollworm.
- Q.5 Enlist four stored grain insect pests with scientific names. Write the preventive measures to control stored grain pests.
- Q.6 Mention the insect pests of cruciferous crops with scientific names. Give the nature of damage and management practices for diamond back moth.
- Q.7 Write short notes on (Any Two):
- a) Sorghum shoot fly b) Sugarcane top shoot borer c) Chilli thrips
- Q.8 State four insect pests of pomegranate with scientific names. Give in detail about nature of damage and management practices for pomegranate (anar) caterpillar.
- Q.9 Enlist insect pests of brinjal with scientific names. Give nature of damage and management strategy for brinjal shoot and fruit borer.
- Q.10 Mention four insect pests of mango with scientific names. Give nature of damage and management practices for mango hopper.

SECTION 'B'

- Q.11 State True or False:
- 1) *Spodoptera frugiperda* is a pest of maize.
 - 2) *Chilo partellus* is the scientific name of mustard saw fly.
 - 3) Pseudostem borer is a pest of banana.
 - 4) Caterpillar is the damaging stage of lemon butterfly.
- Q.12 Match the pairs:
- | 'A' | 'B' |
|----------------------------|--------------------|
| 1) Crab | a) Guava |
| 2) Bark eating caterpillar | b) Non-insect pest |
| 3) Hawk moth | c) Pigeon pea |
| 4) Plume moti | d) Sesamum |