

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) A.B.M.

Semester	: V (New)	Term	: First	Academic Year	: 2022-23
Course No.	: ENTO 353	Title	: Management of Insect Pests of Crops and Stored Grains		
Credits	: 2(1+1)				
Day & Date	: Thursday, 02.02.2023	Time	: 14:00 to 16:00 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 Give the scientific name, typical damage symptoms and describe the management practices for brown plant hopper.
- Q.2 Enlist the management practices for rodents and describe any two measures.
- Q.3 Describe the preventive and curative measures for the management of stored grain pests.
- Q.4 Enlist the major pests of pigeon pea pod borer complex with scientific names and mention the management practices for pod fly.
- Q.5 Give a brief account about site of oviposition, nature of damage and management practices for tobacco leaf eating caterpillar.
- Q.6 Mention the major pests associated with bollworm complex of cotton and describe the nature of damage and management practices for cotton pink bollworm.
- Q.7 Give the scientific name, host plants, nature of damage and management practices of brinjal shoot and fruit borer.
- Q.8 Enlist any four important pests of cruciferous vegetables along with scientific names and nature of damage.
- Q.9 Give the scientific name, host plant, life history, nature of damage and management practices of fruit sucking moth of pomegranate.
- Q.10 Explain nature of damage and management practices for mango stone weevil and hoppers.

SECTION 'B'

Q.11 State the damaging stages of the following pests:

- | | | | |
|--------------------|---------------------|-------------------|-----------------|
| 1) Lemon butterfly | 2) Udadyn beetle | 3) Mustard sawfly | 4) Wheat aphids |
| 5) Tea mosquito | 6) Snails and slugs | 7) White fly | 8) Pulse beetle |

Q.12 Match the pairs:

- | 'A' | 'B' |
|---------------------------------|----------------------------------|
| 1) Bunchy top disease of banana | a) Stem borer |
| 2) Churda-murda of chilli | b) Aphids |
| 3) Pyrilla | c) Thrips |
| 4) Dead heart | d) <i>Epiricania melanoleuca</i> |

