MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION
B.Sc.(Hons.) Agriculture

Semester	: IV (New)	Term	: Second	Academic Year	: 2022-23
Course No.	: ENTO 243	Title	: Pest of Horticultural Crops and their Management		
Credits	: 2 (1+1)				
Day & Date	: Monday, 10.07.2023	Time	: 09:00 to 11:00 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 Describe the nature of damage and management practices for Banana pseudostem borer and Sapota bud borer.

Q.2 Write the scientific name, host plants, nature of damage and management practices of diamond back moth.

Q.3 Give the site of oviposition and management strategies of the following pests:

a) Coconut black headed caterpillar b) Pomegranate fruit borer

Q.4 Explain the nature of damage and management strategies for Tomato fruit borer and Pumpkin beetle.

Q.5 Write short notes on:

a) Pollu beetle b) Coffee berry borer

Q.6 Explain the nature of damage and management practices for Okra leaf hopper and whitefly.

Q.7 Write the scientific name and nature of damage of Fig jassids and Grape stem girdler.

Q.8 Enlist any four important insect pests of Citrus along with scientific name. Describe nature of damage and management practices of Citrus psylla.

Q.9 Enlist four major pests of Mango with scientific names. Describe the nature of damage and management practices for Mango hopper.

Q.10 Describe the nature of damage and suggest management practices for Turmeric rhizomefly and Rose bud borer.

SECTION 'B'

Q.11 Give the site of pupation of the following pests:

1) Hadda beetle 2) Brinjal shoot and fruit borer 3) Ber fruit fly 4) Potato tuber moth

Q.12 Do as directed:

1) The predator, *Cryptolaemus montrouzieri* is used to control _____.

2) *Helopeltis antoni* is a pest of _____.

3) Which plant parasitic nematode is responsible for galls on root?

4) Chilli leaf curl, an important disease of chilli peppers is caused by _____.

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