MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture

Semester	: V (New)	Term	: First	Academic Year	: 2023-24
Course No.	: ENTO 354	Title	: Pests of Crops and Stored Grain and their Management-I		
Credits	: 2 (1+1)				
Day & Date	: Wednesday, 6.12.2023	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 Describe in brief the nature of damage and management practices of groundnut leaf miner and sunflower hairy caterpillar.

Q.2 Enlist the major insect pests of stored grains and explain in brief preventive measures for their management.

Q.3 Write in brief the nature of damage and management practices for pigeon pea pod fly and plume moth.

Q.4 Enlist the pests of sorghum with their scientific names. Give the nature of damage and management practices for sorghum shoot fly.

Q.5 Write short notes on (Any Two):

a) Curative management practices for stored grain pests

b) Mites

c) Snails

Q.6 Enlist the major insect pests of sugarcane with scientific names. Describe nature of damage and management practices for sugarcane top shoot borer.

Q.7 What are the management practices for rodents? Describe in brief any two of them.

Q.8 Describe with scientific name, nature of damage and management practices for rice stem borer.

Q.9 Enlist the major insect pests of cotton. Write in brief the nature of damage and management practices for cotton pink bollworm.

Q.10 Describe the nature of damage and management practices for the mustard sawfly and safflower aphid.

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SECTION 'B'

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

1) Mung and urdbean leaf eating caterpillar
2) Linseed gallfly
3) Angoumois grain moth
4) Soybean stem fly

Q.12 Do as directed:

1) _____ predator is released to control sugarcane woolly aphids.
2) _____ is commonly called as cotton stainer.
3) State oviposition site of grasshopper.
4) Which viral disease is transmitted by rice green leaf hopper?

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