MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Agri.)

Semester	: **V (Old)**	**Term**	: **I**	**Academic Year**	: **2018-19**
Course No.	: ENTO 353	**Title**	: **Crop Pests and Stored Grain Pests and their Management**		
Credits	: 3(2+1)				
Day & Date	: Wednesday, 21.11.2018	**Time**	: 14.00 to 17.00	**Total Marks**	: **80**

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 diagrams wherever necessary.

SECTION "A"

Q.1 Describe with scientific name, nature of damage and control measures for rice stem borers.

Q.2 Enlist the major pests of mango with scientific names and describe with nature of damage and management for mango hoppers and mango stem borer.

Q.3 Describe bollworm complex of Cotton with scientific names, nature of damage and control measures.

Q.4 Enlist the pests of stored grains with examples. Explain in brief preventive measures for their management.

Q.5 Write down the scientific name, nature of damage and control measures for tomato leaf minor and root knot nematode.

Q.6 Write the scientific name, nature of damage and management practices of stem borers of sugarcane.

Q.7 Enlist the four major pests of citrus along with scientific name and describe nature of damage and management practices against fruit sucking moth and black fly.

Q.8 Enlist the major pests of pomegranate with scientific name and describe anar caterpillar in detail.

Q.9 Write short notes (Any Two).

a) Diamond back moth

b) Tobacco leaf eating caterpillar

c) Rhinoceros beetle

d) Management of rat

Q.10 Enlist the polyphagous pests and describe in detail white grub.

agromind.in

Scanned by CamScanner

Telegram - AgroMind

SECTION "B"

Q.11 Fill in the blanks.

1) Sugary disease in jowar is observed due to _____.
2) Biological control for wooly aphid is _____.
3) _____ is parasitoid for control of pyrilla.
4) Mango stone weevil completes _____ generation (s) per year.
5) Citrus canker is spread by _____.
6) _____ fungal bio pesticide is used to control mealy bugs.
7) 'Murda' in chilli is caused by _____.
8) Silver shoot of rice is caused by _____.

Q.12 Give site of pupation of the following pests.

1) Mustard saw fly
2) Fruit fly
3) Mango stone weevil
4) Rice moth
5) White grub
6) Jowar midge fly
7) Whitefly
8) Army worm

✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧

agromind.in

Scanned by CamScanner

Telegram - AgroMind