MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Agri.)

Semester	: V (New)	Term	: I	Academic Year	: 2012-13
Course No.	: ENTO 353	Title	: Crop Pests and Stored Grain Pests and their Management		
Credits	: 3(2+1)				
Day & Date	: Tuesday, 30.10.2012	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 Give the nature of damage and management practices for *Scirpophaga incertulas* and *Contarinia sorghicola.*

Q.2 Give detail account on borer complex of cotton along with management practices.

Q.3 Give the nature of damage and management practices for *Leucinodes orbonalis* and *Plutella xylostella.*

Q.4 a) Describe in detail management practices for *Holotrachia serrata.*

b) Describe in detail management practices for Rats.

Q.5 Describe Primary Pest. Enlist five stored grain primary pests. Describe nature of damage of Rice weevil. Give preventive measures against stored grain pest.

Q.6 Give the nature of damage and management practices for *Bactrocera dorsalis* and *Opisina arenosilla.*

Q.7 Write short notes on (Any Two)

1) Chilli thrips
2) *Spodoptera litura*
3) Citrus black fly
4) Anar caterpillar

Q.8 Give the nature of damage and management practices for *Nephopteryx eugraphella* and *Rhynchophorus ferrugionous.*

Q.9 Give the nature of damage and management practices for *Mimegralla coerrulifrons* and *Longitarsus nigripenis.*

Q.10 Give the scientific name, nature of damage and management practices for sweet potato weevil and tomato fruit borer.

SECTION "B"

Q.11 Give damaging stages of followings:

1) Fig jassids
2) Mustard saw fly
3) Tea mosquito bug
4) White fly
5) Pulse beetle
6) Army worm
7) Paddy grasshopper
8) Rice weevil

(P.T.O.)

agromind.in

Scanned by CamScanner

Telegram - AgroMind

Q.12 Answer the followings.

1) Name the predator used against sugarcane wooly aphid.
2) How many generations grasshopper completed in a year.
3) Name the chronic poison used as rodenticide.
4) Give two examples of acaricides.
5) Give the scientific name of caster semiloopers.
6) Name the entomophagous fungi used against sucking pests.
7) Name the lepidopterous parasite used against sugarcane pyrilla.
8) Give the names of host plants for white grub.

✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧

agromind.in

Scanned by CamScanner

Telegram - AgroMind