

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

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

Semester : II (New)	Term : II	Academic Year : 2018-19
Course No. : ENT 121	Title : Fundamentals of Entomology	
Credits : 2 (1+1)		
Day & Date : Friday, 10.05.2019	Time : 09.00 to 11.00	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 diagrams wherever necessary.

SECTION "A"

- Q.1 Define insect. Give important characters of phylum arthropoda.
- Q.2 Draw a well labeled diagram of typical leg of insect and enlist modification of leg with example.
- Q.3 Enlist four major pests of Rice crop with scientific name and write down nature of damage and control measure of brown plant hopper.
- Q.4 Enlist four major pests of Mango crop with scientific name and write down nature of damage and management practices of mango stem borer.
- Q.5 Define beekeeping and enlist different species of honey bees with scientific name.
- Q.6 Define sericulture and write equipments for rearing silkworm.
- Q.7 Enlist major store grain pests and write down preventive measures of store grain pests.
- Q.8 Write down scientific name, nature of damage and management practices of Okra shoot and fruit borer.
- Q.9 Write short notes (Any Two) :
- a) Onion thrips b) Head position of insect c) Diamond back moth
- Q.10 Enlist the four major pests of Sugarcane crop with scientific name and write down nature of damage and control measures of Sugarcane pyrilla.

SECTION "B"

- Q.11 Do as directed.
- 1) Which type of circulatory system found in insect?
 - 2) Mango stone weevil is a polyphagous pest (True/False).
 - 3) Damaging stage of fruit sucking moth is _____.
 - 4) Write down the order of honey bee.
- Q.12 Fill in the blanks.
- 1) _____ is an example of class arachnida.
 - 2) _____ is an insect vector for leaf curl disease of chilli.
 - 3) _____ is a host plant for eri silk worm.
 - 4) _____ is a fumigant used against control of store grain pest.

