

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hons.) Horticulture

Semester : V (New)	Term : I	Academic Year : 2019-20
Course No. : H /ENTO 354	Title : Apiculture, Sericulture and Lac Culture	
Credits : 2 (1+1)	Time : 14.00 to 16.00	Total Marks : 40
Day & Date : Monday, 11.11.2019		

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.

Shri Shiva, College of Horticulture
AMRAVATI

Library Department

SECTION "A"

- Q.1 What do you mean by Apiculture? Write down the importance of apiculture in India.
- Q.2 Explain in brief history of apiculture in India.
- Q.3 Explain in brief equipments used in bee keeping.
- Q.4 Write short notes (Any Two).
- a) Requirements for site selection of apiary b) Sericulture
- c) Properties of lac
- Q.5 State the importance of lac. Explain the necessity of lac cultivation.
- Q.6 Enlist important research and training institutes on sericulture in India. Explain the role of Central Silk Board, Government of India.
- Q.7 Explain in brief important equipments used in sericulture unit.
- Q.8 Enlist important pests of silkworm. Explain nature of damage and management practices for Uzi fly.
- Q.9 What is Moriculture? Explain in brief pruning of mulberry plant and harvesting of mulberry leaves in Moriculture.
- Q.10 Enlist different types of silkworm. Explain in brief regarding mulberry silkworm.

SECTION "B"

- Q.11 Fill in the blanks.
- 1) The place, where the hives are maintained is called _____.
- 2) _____ scientist and his co-workers introduced *A. mellifera* species of honey bee in 1962 at Beekeeping Research Stations in Himachal Pradesh.
- 3) _____ is called the queen of textiles.
- 4) Lac is a product of _____ beneficial insect.
- Q.12 Match the following pairs.
- | | |
|----------------------------|------------------------------|
| 'A' | 'B' |
| 1) Little bee | a) <i>Apis dorsata</i> |
| 2) Indian hive bee | b) <i>Apis florea</i> |
| 3) Rock bee | c) <i>Apis mellifera</i> |
| 4) European or Italian bee | d) <i>Apis cerana indica</i> |

