

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE  
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Horticulture

Semester	: V ( New)	Term	: First	Academic Year	: 2022-23
Course No.	: H/ENTO 354	Title	: Apiculture, Sericulture and Lac Culture		
Credits	: 2(1+1)				
Day & Date	: Wednesday, 08.02.2023	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 Define moriculture. Describe in detail the cultivation of mulberry.
- Q.2 Enlist important pests of silkworm. Explain nature of damage and management practices for uzi fly.
- Q.3 Define apiculture. Explain the duties performed by worker bee.
- Q.4 Enlist important research and training institutes on sericulture in India. Explain the role of Central Silk Board, Government of India.
- Q.5 Enlist different species of honey bee and write down the characters of Indian honey bee and little bee.
- Q.6 Define sericulture. Describe in brief rearing of mulberry silkworm.
- Q.7 Write short notes on (Any Two):  
a) Management of honey bee colony in summer      b) Use of silk  
c) Greater wax moth (*Galleria mellonella*)
- Q.8 Explain in brief equipments used in bee keeping.
- Q.9 Define lac culture. Describe the cultivation of lac with respect to the following points:  
a) Inoculation      b) Pruning      c) Preservation by broodlac
- Q.10 Explain in detail Pebrine and Flacherie diseases of silkworm.

SECTION 'B'

- Q.11 Define the following terms:  
1) Denier      2) Voltinism      3) Foraging      4) Stifling
- Q.12 Do as directed:  
1) Write the full form of CSRTI.  
2) \_\_\_\_\_ is used as a disinfectant in silkworm rearing house.  
3) National Research Institute of Resins and Gums is located at \_\_\_\_\_.  
4) Write two host plants of lac insects.

