

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Horticulture

Semester	: V (New)	Term	: First	Academic Year	: 2023-24
Course No.	: H/ENTO 354	Title	: Apiculture, Sericulture and Lac Culture		
Credits	: 2 (1+1)	Time	: 14:00 to 16:00 hrs.	Total Marks	: 40
Day & Date	: Tuesday, 12.12.2023				

- 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 Explain in brief rearing of young age (chawki) larvae of silk worm.
- Q.2 Write in brief management of honey bees during honey flow period.
- Q.3 Explain the following terms:
- a) Stifling
 - b) Shell ratio
 - c) Cocoon weight
 - d) Reeling
- Q.4 Describe in brief about different species of honey bees found in India.
- Q.5 Describe cultivation of mulberry on the basis of following points:
- a) Soil and Climate
 - b) Mulberry varieties
 - c) Irrigation
 - d) Harvesting
- Q.6 Describe the process of lac host infestation (inoculation) in lac cultivation.
- Q.7 Give the historical events in the development of sericulture in India.
- Q.8 Write the role of honey bees in pollination.
- Q.9 Write short notes on (Any Two):
- a) Uses of silk
 - b) Mounting
 - c) Grainage acid treatment
- Q.10 Enlist the pests and diseases of silkworm along with their scientific names. Write disease symptoms and control measures for Pebrine disease of silkworm.

SECTION 'B'

- Q.11 Define the following terms:
- 1) Apiculture
 - 2) Button lac
 - 3) Denier
 - 4) Bee pasturage
- Q.12 Write the use of following equipments:
- 1) Bee veil
 - 2) Mountage
 - 3) Queen gate
 - 4) Bird feather

