

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE  
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agri. Business Management

|            |                      |       |                                    |               |           |
|------------|----------------------|-------|------------------------------------|---------------|-----------|
| Semester   | : IV(New)            | Term  | : Second                           | Academic Year | : 2023-24 |
| Course No. | : ENTO 242           | Title | : Management of Beneficial Insects |               |           |
| Credits    | : 2 (1+1)            | Time  | : 9:00 to 11:00 hrs.               | Total Marks   | : 40      |
| Day & Date | : Friday, 03.05.2024 |       |                                    |               |           |

- 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 Apiculture. Enlist its species and describe its importance.
- Q.2 Define Moriculture. Write about the cultivation of mulberry crop.
- Q.3 Describe mass multiplication of *Corcyra cephalonica* in laboratory.
- Q.4 Define Bio-control agent. Enlist ideal characteristics of natural enemies and write in short about host specificity and compatibility.
- Q.5 Define Lac. State the composition of lac and uses of shellac.
- Q.6 Define Sericulture. Write down about reeling of cocoons of silkworm.
- Q.7 Write short notes on:  
a) *Trichogramma chilonis*      b) Production technology of vermiculture
- Q.8 Enlist the major pests of honey bee. Write about the nature of damage of waxmoth.
- Q.9 Write down about materials and method for mass multiplication of *Cryptolaemus montrouzieri*.
- Q.10 Give the classification of parasitoid on the basis of stage of host attacked.

SECTION 'B'

- Q.11 Define the following terms:  
1) Predator              2) Absconding              3) Ari Lac              4) Stifling
- Q.12 Do as directed:  
1) Write down the contribution of Prof. A.S. Atwal.  
2) The full form of CBRTI is \_\_\_\_\_.  
3) \_\_\_\_\_ is used as parasitoid for the management of Sugarcane pyrilla.  
4) Give the scientific name of Mulberry silkworm.

