

Term End External Examination 1<sup>st</sup> Semester (Session-Feb 2025)

Subject: Skill Enhancement Course

Course No and Title: ZOL122S/ Apiculture-I

**Time: 1.15 hours      Max Marks:50      Min. Marks:20**

**Section A: Objective Type Questions**

**Q1. Choose the appropriate Answer: (4x1.5=06)**

**i. Which of the following is not a bee product**

- A Bee poison      B Nectar  
C Bee wax      D Honey

**ii. Who is the father of modern beekeeping**

- A L. L. Langstroth      B Williams  
C Newton      D Thomson

**iii. How does the bee carry the Pollen back to its Colony?**

- A By Prothoracic legs      B By Metathoracic legs  
C In the mouth      D On their wings

**iv. From an egg the larva developed into a queen in how many days**

- A 21      B 24  
C 16      D 50

**Section-B: Descriptive Type Questions (Short Type)**

**Q2: Answer all the Questions (4 x 4 =16)**

- i.** What do you mean by Social Organization in honey bees.
- ii.** Write down the morphological features of a honey bee.
- iii.** Enlist different Enemies of honey bees.
- iv.** Draw well labeled diagram of a modern beehive.

**Section – C: Descriptive Type Questions (Medium Type)**

**Answer all the questions: (2 x 7=14)**

**Q3.** Briefly explain about the historical background of Apiculture.

**OR**

Draw well labelled diagram of life cycle of honey bee and add comments on each stage.

**Q4.** What are the different bee products and their uses?

**OR**

Justify Apiculture as a potential cottage industry.

**Section – D: Descriptive Type Questions (Long Type)**

**Answer any one of the following: (1 x 14=15)**

**Q5.** How honey bees play an important role in agriculture, explain in detail.

**Q6.** Explain in detail the role of different caste of honey bee for the survival of the bee Colony.