

## THIRD SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2025

(FYUGP)

## CC24UZOO3CJ202 - PRACTICES IN ENTOMOLOGY, POULTRY SCIENCE AND DAIRY SCIENCE

(B.Sc. Zoology - Major Course)

(2024 Admission - Regular)

Time: 2.0 Hours

Maximum: 70 Marks

Credit: 4

**Part A (Short answer questions)**Answer ***all*** questions. Each question carries 3 marks.

1. Describe the scope of Apiculture in India. [Level:2] [CO1]
2. List any three major enemies of honey bees in India. [Level:2] [CO1]
3. Discuss the uses of honey as food and medicine. [Level:2] [CO1]
4. List the four major research institutes related to sericulture in India. [Level:2] [CO2]
5. Distinguish between univoltine, bivoltine and multivoltine races of silk moths. [Level:2] [CO2]
6. Distinguish between active and passive traps. [Level:2] [CO3]
7. Discuss the methods to control infested lac. [Level:2] [CO3]
8. Explain multiple ovulation and embryo transfer technique. [Level:2] [CO4]
9. Distinguish between Pasteurization and Homogenization. [Level:2] [CO4]
10. Explain about the status of Indian poultry industry. [Level:2] [CO4]

**(Ceiling: 24 Marks)****Part B (Paragraph questions/Problem)**Answer ***all*** questions. Each question carries 6 marks.

11. Describe the swarming behaviour of honey bees. [Level:2] [CO1]
12. Explain the role of KAU and Hortcorp in promoting Apiculture. [Level:2] [CO1]
13. Explain the advantages and disadvantages of traditional hives. [Level:2] [CO1]
14. Discuss about various diseases of silkworms. [Level:2] [CO2]
15. Discuss the composition, properties and uses of lac. [Level:2] [CO3]

16. Explain the life cycle of lac insect. [Level:2] [CO3]

17. Discuss about poultry products and by-products. [Level:2] [CO4]

18. Explain about non-infectious diseases in poultry. [Level:2] [CO4]

**(Ceiling: 36 Marks)**

**Part C (Essay questions)**

Answer any **one** question. The question carries 10 marks.

19. Explain the structural features of a worker bee. [Level:2] [CO1]

20. Explain the life cycle of Bombyx mori. [Level:2] [CO2]

**(1 × 10 = 10 Marks)**

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