

QP CODE: D2BZL2404	(Pages: 2)	Reg. No :
		Name :
Second Semester (FYUGP) Degree Examination April 2025		
MDC Zoology		
ZOO2FM106(2) : APICULTURE & SERICULTURE		
(Credits: 3)		
Time: 1.5 Hours	Maximum Marks: 50	
Section A		
Answer the following questions. Each carries 2 marks (Ceiling: 16 marks)		
1. What are the common enemies of bees?	BL1	CO2
2. List the main components of honey.	BL1	CO5
3. What is Silk Route?	BL2	CO1
4. Explain how sericulture can contribute to women's empowerment and self-employment in rural areas.	BL2	CO5
5. If an outbreak of Flacherie occurs, what immediate actions should be taken?	BL1	CO3
6. List the different types of eyes found in honey bees.	BL1	CO2
7. How do beekeepers use the hive tool in apiculture?	BL2	CO1, CO6
8. What is pruning and why is it important in mulberry cultivation?	BL1	CO1
9. Illustrate the various products that can be developed from sericulture besides raw silk.	BL2	CO4
10. List two symptoms of Black Muscardine disease.	BL1	CO3, CO6
Section B		
Answer the following questions. Each carries 6 marks (Ceiling: 24 Marks)		
11. Explain the Role of Central Honey Bee Research and Training Institute in India.	BL2	CO1
12. Discuss the process of spinning, harvesting, and storage of cocoons. Why is proper storage necessary for maintaining cocoon quality?	BL1	CO6
(PTO)		

13.	Analyze the role of each tool in ensuring the safety of beekeepers.	BL4	CO6
14.	Describe the major government schemes available for financial assistance in sericulture in Kerala.	BL5	CO4
15.	What are the key government agencies and non-governmental organizations involved in promoting apiculture in Kerala?	BL1	CO5
Section C			
Answer any one question. Each carries 10 marks (1 x 10 = 10 Marks)			
16.	What are the major commercial varieties of mulberry?	BL1	CO1, CO6
17.	Comment on Absconding and migration, Supersedure and Emergency Queen.	BL1	CO1
CO : Course Outcome			
BL : Bloom's Taxonomy Levels (1 – Remember, 2 – Understand, 3 – Apply, 4 – Analyse, 5 – Evaluate, 6 – Create)			