

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of _____ Summer Term Examination – July - August 2024 [Programme: _____] [Semester: _____) [Batch: _____]				
Course Title: Bioresource management		Max Marks: 100		
Course Code: C2UA402T		Time: 3 Hrs.		
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
SECTION-A (15 Marks)		5 Marks each		
1.	Discuss the role of honey bees in apiculture.	KL2	CO2	5
2.	Define cultivated plants and name two contributions of A. de Candolle to the study of cultivated plants.	KL1	CO4	5
3.	Define mushroom technology and list two recent advancements in mushroom cultivation.	KL1	CO6	5
SECTION-B (40 Marks)		10 Marks each		
4.	Illustrate the process of setting up a small-scale apiculture unit.	KL3	CO2	10
5.	Analyze the environmental benefits of using vermicompost compared to chemical fertilizers.	KL4	CO3	10
6.	Explain the concept of BT crops.	KL2	CO4	10
7.	Analyze the impact of natural products on the pharmaceutical industry.	KL4	CO5	10
SECTION-C (45 Marks)		15 Marks each		
8.	Design an integrated agricultural model that includes floriculture, agroforestry, and sericulture for a rural community, highlighting the economic and ecological benefits.	KL6	CO4	15
9.	Formulate a strategic initiative for promoting the cultivation and use of fibre plants, addressing both economic and environmental benefits.	KL5	CO5	15
10.	Formulate a detailed plan to explore the economic and nutritional advantages of adding mushrooms to local diets.	KL5	CO6	15