

Name. _____ Student Admn. No.: _____		Printed Pages:01		
<b>School of Agriculture</b> <b>Semester End Examination (SEE), June 2023</b> <b>[Programme:] [Semester: II&amp; IV] [Batch:]</b>				
Course Title: Fundamentals of Horticulture Course Code: AGRI1001 / A1UA101B		Max Marks: 100 Time:3 Hrs.		
<b>Instructions:</b>	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
<b>SECTION-A (15 Marks) 5 Marks each</b>				
1.	Describe the importance and scope of horticultural crops in India.	K1	CO1	5
2.	Explain the importance of horticultural crops in human diet?	K2	CO1	5
3.	<b>Define the followings -</b> Pollinizers Un-fruitfulness Climacteric fruit Stratification Parthenocarpy	K1	CO1	5
<b>SECTION-B(40 Marks) 10 Marks each</b>				
4.	Classify the fruits based on photoperiodic responses with suitable examples.	K2	CO1	10
5.	Write down the selection criterion of soil for the cultivation of fruit crops.	K3	CO2	10
6.	Illustrate the importance of plant bio-regulators in horticulture.	K3	CO2	10
7.	Write down the principals of training and pruning and also compare the training and pruning in fruit crops. <p style="text-align: center;">OR</p> Write down about different propagating structures for horticultural crops and compare the polyhouse and shade net house.	K4	CO3	10
<b>SECTION-C (45 Marks) 15 Marks each</b>				
8.	Explain the different factors associated with un-fruitfulness.	K3	CO2	15
9.	Enlist the different types of planting system. Distinguish the square and hexagonal system of planting in detail.	K4	CO3	15
10.	Explain different asexual methods of plant propagation. <p style="text-align: center;">OR</p> Compare the following: Startification and Scarification Pollinizers and Pollinators Drip and Sprinkler system of irrigation Climacteric and Non Climacteric Head back and Thinning out	K5	CO4	15

**Template 1**