

Roll No.: .....

**SGT UNIVERSITY****END TERM THEORY EXAMINATION JULY - 2022**

<b>Faculty/College of Study:</b>	<b>Agricultural Sciences</b>	<b>Year/Semester:</b>	<b>2<sup>nd</sup> Semester</b>
<b>Program:</b>	<b>B.Sc. (Hons.) Agriculture</b>	<b>Duration:</b>	<b>03:00 Hrs.</b>
<b>Course/Subject:</b>	<b>Fundamentals of Horticulture</b>	<b>Maximum Marks:</b>	<b>50</b>
<b>Course/Subject Code:</b>	<b>11010210</b>	<b>Batch:</b>	<b>2020 &amp; 2021</b>

**Instructions: -**

1. Write Your Roll No. on the Question Paper.
2. Candidate should ensure that they have been provided correct question paper. Complaint(s) in this regard, if any should be made within 15 minutes of the commencement of the exam. No complaint(s) will be entertained thereafter.
3. All Questions are compulsory. Marks are indicated against each question.
4. Illustrate your answer with diagram wherever required.

**SECTION-A****(Very Short Answer Type Questions)****Note: All Questions are compulsory: -****[12X1=12]**

<b>S. No.</b>	<b>Question</b>	<b>Marks Allotted</b>
1	Define Horticulture.	1
2	What is scarification?	1
3	Define term parthenocary.	1
4	What is fertigation?	1
5	What is chilling requirement?	1
6	What is air layering?	1
7	Define weeding?	1
8	What is Arboriculture?	1
9	Define Mulching.	1
10	What is stratification?	1
11	What is juvenility?	1
12	What is seed dormancy?	1

**SECTION-B**  
**(Short Answer Type Questions)**

**Note: All Questions are compulsory: -**

**[4X2=8]**

S. No.	Question	Marks Allotted
13	Define Tropical climate.	2
14	Define Auxins.	2
15	Define Quincunx system.	2
16	What is micropropagation?	2

**SECTION-C**  
**(Descriptive Answer Type Questions)**

**Note: All Questions are compulsory: -**

**[3X4=12]**

S. No.	Question	Marks Allotted
17	Compare training and pruning with their needs and advantages.	4
18	Describe role of different macro nutrients in plant growth and development.	4
19	Write the botanical classification of fruits.	4

**SECTION-D**  
**(Long Answer Type Questions)**

**Note: All Questions are compulsory: -**

**[3X6=18]**

<b>S. No.</b>	<b>Question</b>	<b>Marks Allotted</b>
20	Describe the principles and method of training and pruning in horticultural plants.	6
21	Define horticulture. Write down its importance and scope in India.	6
22	Define fruitfulness and unfruitfulness. Describe the factors influencing them with suitable examples.	6