

Roll No.: .....

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

Faculty/College of Study:	Agricultural Sciences	Year/Semester:	2 <sup>nd</sup> Semester
Program:	B.Sc. (Hons.) Agriculture	Duration:	03:00 Hrs.
Course/Subject:	Fundamentals of Horticulture	Maximum Marks:	50
Course/Subject Code:	17010218 11010210	Batch:	2018 2019

**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]**

S. No.	Question	Marks Allotted
1	Define pomology?	1
2	Define Horticulture branches?	1
3	What is grafting?	1
4	Define post-harvest technology?	1
5	Explain pollinizer?	1
6	What is micro propagation?	1
7	Define asexual propagation?	1
8	What is olericulture?	1
9	Define floriculture?	1
10	What is layering?	1
11	Define sexual propagation?	1
12	What is leaf cutting?	1

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

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

**[4X2=8]**

S. No.	Question	Marks Allotted
13	Define seed germination?	2
14	What is parthenocarpy?	2
15	What is juvenility?	2
16	What is unfruitfulness?	2

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

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

**[3X4=12]**

S. No.	Question	Marks Allotted
17	Explain advantages and disadvantages of sexual and asexual method of propagation?	4
18	Differentiate between pollinizers and pollination?	4
19	Write down differences between juvenility and fruit development?	4

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

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

**[3X6=18]**

S. No.	Question	Marks Allotted
20	Importance and scope of Horticulture? Or Explain methods of fertilizer application in horticulture field?	6
21	What are the advantage and disadvantage of training and pruning? Or Explain the importance of plant bio regulators in horticulture crop?	6
22	What is irrigation? Explain methods of irrigation in horticulture crops	6