

Roll No.: .....

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

Faculty/College of Study:	Agricultural Sciences	Year/Semester:	2 <sup>nd</sup> Semester
Program:	M.Sc. Agriculture (Horticulture - Vegetable/Fruit Sciences)	Duration:	02:00 Hrs.
Course/Subject:	Production Technology of Cool Season Vegetable Crops	Maximum Marks:	40
Course/Subject Code:	11060202	Batch:	2020 & 2021

**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	What is cool season crops?	1
2	Define vegetables?	1
3	Seed rate of early cauliflower?	1
4	Define Olericulture?	1
5	Write down the examples of Cole crops?	1
6	Chromosome number of pea?	1
7	Write down the center of origin of Pea?	1
8	Pea are..... pollinated crops?	1
9	Botanical name of Onion is.....?	1
10	Examples of green leafy cool season vegetables?	1
11	Orange colour of carrot is due to presence of .....?	1
12	Botanical name of Garlic?	1

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

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

**[4X2=8]**

S. No.	Question	Marks Allotted
13	Write botanical name, family, chromosome number of Pea and Broccoli?	2
14	Write origin and edible part of cabbage and pea.	2
15	Write short notes on TPS.	2
16	Define Vegetable and Olericulture?	2

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

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

**[2X4=8]**

S. No.	Question	Marks Allotted
17	Write production technology of Potato? Or Write production technology of pea?	4
18	Write Physiological disorders of root crops? Or Differentiate between Tropical and European carrot?	4

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

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

**[2X6=12]**

<b>S. No.</b>	<b>Question</b>	<b>Marks Allotted</b>
19	Explain in detail about Seed plot techniques. Or Write production technology of Broccoli?	6
20	Write production technology of Spinach? Or Write production technology of Sprouting broccoli?	6