

Roll No.:

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

Faculty/College of Study:	Agricultural Sciences	Year/Semester:	2 nd Semester
Program:	M.Sc. Agriculture (Vegetable Sciences)	Duration:	02:00 Hrs.
Course/Subject:	Breeding of Vegetable Crops	Maximum Marks:	40
Course/Subject Code:	11060212	Batch:	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	Cytoplasmic male sterility (CMS) and the restoration of fertility was described in Sugar beet by	1
2	The primary pigments in table beet are	1
3	..... is the most economically important species distributed worldwide?	1
4	The ratio of female:male flowers of the bushy plants may result in greater fruit setting and yield.	1
5	..... is the character most commonly used to classify snap beans	1
6	Which is the first variety in tomato suitable for machine harvest?	1
7	What is centre of origin of brinjal?	1
8	.....method is used for intensive production of brinjal.	1
9	..... Variety is originated from wild progenitor <i>Solanum melongena</i> .	1
10	..... is first transgenic cultivar of tomato.	1
11	..... is example of indeterminate type of tomato.	1
12	C.M.Rick is located at.....	1

SECTION-B
(Short Answer Type Questions)

Note: All Questions are compulsory: -

[4X2=8]

S. No.	Question	Marks Allotted
13	Enlist different biotechnological approaches for lettuce development.	2
14	What are the different pigments is responsible for colouration in cauliflower?	2
15	Write short notes on Plant genetic resources of <i>Brassica species</i>	2
16	Enlist different plant characteristics in tomato suitable for processing industry	2

SECTION-C
(Descriptive Answer Type Questions)

Note: All Questions are compulsory: -

[2X4=8]

S. No.	Question	Marks Allotted
17	Difference between determinate and indeterminate type of tomato?	4
18	What are different types of fruit and flower in Brinjal?	4

SECTION-D
(Long Answer Type Questions)

Note: All Questions are compulsory: -

[2X6=12]

S. No.	Question	Marks Allotted
19	Explain the evolution of hexaploid sweet potato	6
20	Enlist different classification of sweet potato	6