

Roll No.:

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

Faculty/College of Study:	Agricultural Sciences	Year/Semester:	2nd Semester
Program:	M.Sc. Agriculture (Horticulture - Vegetable/Fruit Sciences)	Duration:	02:00 Hrs.
Course/Subject:	Biodiversity and Conservation of Fruit Crops	Maximum Marks:	40
Course/Subject Code:	11060201	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	Define plant Biodiversity?	1
2	Define Plant conservation?	1
3	Explain primary centres of genetic diversity?	1
4	Write down chromosome no. of Jackfruit?	1
5	Write origin place of Banana?	1
6	Write family of Prunes group?	1
7	Write down chromosome no. of Papaya?	1
8	Write origin place of citrus?	1
9	Define GI?	1
10	Define tissue culture?	1
11	Define cryopreservation?	1
12	Define <i>In –Situ</i> conservation?	1

SECTION-B
(Short Answer Type Questions)

Note: All Questions are compulsory: -

[4X2=8]

S. No.	Question	Marks Allotted
13	Write down four hybrids cross of mango?	2
14	Write down four hybrids cross of Banana?	2
15	Write down four hybrids cross of pineapple?	2
16	Write down four hybrids cross of citrus?	2

SECTION-C
(Descriptive Answer Type Questions)

Note: Attempt Any Two (02) Questions: -

[2X4=8]

S. No.	Question	Marks Allotted
17	Write down genetic resources of mango for quality traits?	4
18	Write down genetic resources of Banana for quality traits?	4
19	Write down genetic resources of guava for quality traits?	4

SECTION-D
(Long Answer Type Questions)

Note: Attempt Any Two (02) Questions: -

[2X6=12]

S. No.	Question	Marks Allotted
20	Write down wild species of mango and their important characteristics?	6
21	Write down wild species of apple and their important characteristics?	6
22	Write down wild species of citrus and their important characteristics?	6