

Roll No.:

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

Faculty/College of Study:	Agricultural Sciences	Year/Semester:	2nd Semester
Program:	M.Sc. Agriculture (Agronomy)	Duration:	03:00 Hrs.
Course/Subject:	Cropping System	Maximum Marks:	70
Course/Subject Code:	11060211	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	What do you mean by Cropping pattern?	1
2	Write down about modern agriculture.	1
3	Full form of MCI	1
4	Define terms Tillage	1
5	What do you mean by HEIA	1
6	Write about Crop Diversification	1
7	Write down the mono cropping	1
8	Write down the multiple cropping	1
9	Full form of LER	1
10	Define Ratoon cropping.	1
11	What do you mean by intercropping cropping system?	1
12	Write down about cropping intensity.	1

SECTION-B
(Short Answer Type Questions)

Note: All Questions are compulsory: -

[4X2=8]

S. No.	Question	Marks Allotted
13	Write a brief note on advantages of farming system.	2
14	What are the principles of crop rotation	2
15	Differentiate between cropping system and farming system.	2
16	Write a brief note on overlapping Cropping	2

SECTION-C
(Descriptive Answer Type Questions)

Note: Attempt Any Five (05) Questions: -

[5X4=20]

S. No.	Question	Marks Allotted
17	Define farming system and discuss the different component of farming system	4
18	Write down the Management of intercropping.	4
19	What do you mean by sustainable agriculture? Discuss the concepts of sustainable agriculture.	4
20	Discuss the various types of farming systems. Briefly explain the factors affecting type of farming system	4
21	Write down the Characteristics of Good Crop Rotation and enlist the Factors of Crop Rotation.	4
22	Write down about the Plant growth regulators and their role in crop production.	4

SECTION-D
(Long Answer Type Questions)

Note: Attempt Any Five (05) Questions: -

[5X6=30]

S. No.	Question	Marks Allotted
23	What do you mean by cropping pattern? How can it be differentiated from cropping system? Describe the factors influencing the efficient cropping system on a farm.	6
24	Write down the about Plant ideotypes and Important features of such "NEW PLANT TYPES of cereals.	6
25	Explain the objectives and different components of IFS model with diagram.	6
26	Explain important indices to evaluate the cropping systems.	6
27	Write down about the Plant Interactions and Its Types.	6
28	What do you mean by cropping system? And its classification with example.	6