

Name.		Printed Pages:01		
Student Admn. No.:				
School of Agriculture Semester End Examination (SEE), Summer Term - August 2023 [Programme:] [Semester:All Semesters (except 2022-23 – Sem I & II, 2021-23 – Sem IV)] [Batch:] (For all PG programmes and remaining programmes not included in template 1)				
Course Title: Modern Concepts in Crop Production		Max Marks: 50		
Course Code: AGRON501		Time:3 Hrs.		
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		CO	K Level	Marks
SECTION-A (10 Marks) 2 Marks each				
1.	Explain IDEOTYPE	CO3	K2	2
2.	What are the growth indices	CO1	K1	2
3.	Define Harvest index	CO1	K1	2
4.	Explain agro-biological principles	CO2	K2	2
5.	Define Baule unit	CO2	K1	2
SECTION-B (16 Marks)				
6.	Identify the crop modeling	CO3	K3	5
7.	Identify the effect of lodging in cereals	CO3	K3	5
8.	Categorise the concept of soil plant relations	CO4	K4	6
SECTION-C (24 Marks) 8 Marks each				
9.	Identify the precision agriculture	CO4	K3	8
10.	Justify the organic farming	CO4	K5	8
11.	Elaborate Integrated farming systems	CO4	K6	8