GALGOTIAS UNIVERSITY

ADMISSION NUMBER												

School of Agriculture

Master of Science in Agronomy
Semester End Examination - Nov 2023

Duration : 10 Minutes
Max Marks : 100

Sem III - AGRON511 - Cropping Systems

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1)	Compare the advantages and disadvantages of different cropping systems in diverse climatic zones.	K1 (2)
2)	Contrast the assessment of land use in traditional and sustainable cropping systems.	K2 (4)
3)	Illustrate the management practices for effective crop residue management.	K2 (6)
4)	Make use of crop residue management strategies to enhance soil health and nutrient recycling.	K3 (9)
5)	Solve challenges related to sustanable crop production	K3 (9)
6)	criteria for evaluating the sustainability of a cropping system.	K5 (10)
7)	Relationship between cropping system selection and local environmental conditions.	K4 (12)
8)	Justification for research is needed to enhance the sustainability of cropping systems and farming practices?	K5 (15)
9)	justification for classifying cropping systems based on their production potential.	K5 (15)
10)	Elaborate the importance of sustainable cropping systems for long-term food security.	K6 (18)