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 - AGRON512 - Dryland Farming

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 frequency and depth of cultivation in relation to soil moisture conservation.	K1 (2)
2)	Explain the significance of contingent crop planning in managing erratic weather conditions in dryland farming.	K2 (4)
3)	Illustrate the characterization of the environment concerning water availability and its role in managing drought in dryland farming.	K2 (6)
4)	Construct a comprehensive understanding of the concept and characteristics of dryland farming in India?	K3 (9)
5)	Solve the challenge of choosing the most effective stress physiology techniques to enhance crop drought tolerance.	K3 (9)
6)	criteria used to assess the drought tolerance of crop varieties?	K5 (10)
7)	Relationship between stress physiology and drought resistance in different crop species.	K4 (12)
8)	Justification for selecting drought-resistant crop varieties suitable for dryland farming based on stress physiology.	K5 (15)
9)	Criticise the limitations of current drought management strategies and propose improvements.	K5 (15)
10)	Elaborate a list of climate-resilient agricultural practices for dryland farming.	K6 (18)