GALGOTIAS UNIVERSITY

ADMISSION NUMBER

School of Agriculture

Bachelor of Science Honours in Agriculture
Summer/Backlog Semester End
Examination - Jul 2024

Duration : 180 Minutes
Max Marks : 100

Sem II - A1UA203B - Soil and Water Conservation Engineering

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)	choose the some common soil loss measurement techniques.	K1(2)
2)	Construct the key factors to consider when designing a grassed waterway.	K2(4)
3)	Illustrate the role of soil conservation in sustainable agriculture.	K2(6)
4)	Construct the impact of soil erosion on downstream ecosystems.	K3(9)
5)	Construct the contouring plan for a hilly agricultural landscape.	K3(9)
6)	Evaluate the ethical considerations of soil erosion in relation to land use practices.	K5(10)
7)	Examine the wind erosion control plan for a farming operation in a windy region.	K4(12)
8)	Analyze the impact of wind erosion on agricultural productivity in agriculture.	K5(15)
9)	Assess the role of wind speed and direction in the mechanics of wind erosion.	K5(15)
10)	Elaborate the environmental impact of erosion control techniques.	K6(18)