MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture

D.Sc.(110lis.) Agriculture			
Sem	Term : Second Academic real : 2025-2	24	
Cour	Title . Dychlometic Cails and their Manager	ent	
_ Day &		40	
Note: 1. Solve ANY EIGHT questions from SECTION 'A'.			
 All questions from SECTION 'B' are compulsory. All questions carry equal marks. 			
4. Draw neat diagram wherever necessary.			
SECTION 'A'			
Q.1	Define Soil quality and Soil health. State the soil quality indicators.		
Q.2	What do you mean by Problem soil? Write down the classification of problem soils basen soil properties.	sed	
Q.3	Enlist factors for the formation of salt affected soils. How is irrigation water involved the formation of salt affected soils?	l in	
Q.4	Define Calcareous soil. Discuss in brief nutrient management in calcareous soils.		
Q.5	Explain methods for reclamation of saline and sodic soil.		
Q.6	What do you mean by Submerged and Flooded soils? Write down in brief management of submerged soil.	the	
Q.7	Define Soil and Water Pollution. State preventive measures for the control of soil a vater pollution.	ind	
Q.8	Write down the management practices for safe use of saline water for irrigation.		
Q.9	Explain in brief the land capability classification.		
Q.10	Write short notes on (Any Two):		
) SAR b) Phytoremediation c) Soil Erosion		
SECTION 'B'			
Q.11	Define the following terms:		
) Amendment 2) Acid soil 3) Bioremediation 4) Hydric soils		
Q.12	Oo as directed:		
	is a chemical amendment used for reclamation of acid soils.		
	State the rating of high RSC irrigation water.		
	Central Soil Salinity Research Station is located at		
	4) Which soluble salts are present in brown saline soils?		
