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School of Agriculture
Bachelor of Science Honours in Agriculture
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem II - A1UA209B - Fundamentals of Crop Physiology

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) Outline the function of chloroplast. K2 (2)
- 2) Define Ribosome. K1 (3)
- 3) Explain water potential. K2 (4)
- 4) Illustrate stomata along with diagram. K2 (6)
- 5) Identify the role of potassium in plants and describe the visual symptoms of potassium deficiency. K3 (6)
- 6) Construct the types of stomata, illustrate your answer with suitable diagrams. K3 (9)
- 7) Categorise and describe in detail the active and passive water absorption. K4 (8)
- 8) Distinguish the transpiration and evapotranspiration. K4 (12)

OR

Analyze the role of zinc in plants and identify the typical signs of zinc deficiency in their foliage. K4 (12)