

AGB 2101: PLANT PHYSIOLOGY (OLD SYLLABUS)

END SEMESTER EXAMINATION

Answer All questions

This paper should be answered in **English**

Time : **One Hour**



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1. a) Define the term "Water Potential".
b) Outline the reduction phase of the C₃ photosynthetic pathway.
c) List out the benefits of Photorespiration to plants.
d) Briefly explain the mechanism of phloem transport in plants.

 2. a) Outline the process of CO₂ fixation in CAM plants.
b) Write short notes on the following:
 - i) Assimilate partitioning
 - ii) Osmotic theory of root pressure.
