

AGB 4111 – ADVANCED PLANT PHYSIOLOGY (2 : 15/30)

Answer **all** questions.

This paper should be answered in English.

Time : One hour

1. a) Outline the biosynthetic pathway of IAA from tryptophan in plant tissues.
b) Briefly explain the rhythms of CO₂ metabolism in succulents.

2. a) Critically analyze the effects of ABA on plant growth.
b) Briefly discuss the influence of environmental factors on the phase of circadian rhythms in plants?
