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TRIVANDRUM

Fourth Semester B.Sc. Degree Examination, May 2021

First Degree Programme under CBCSS

Botany

Complementary Course

BO 1431 : PLANT PHYSIOLOGY, PLANT ECOLOGY, HORTICULTURE AND PLANT BIOTECHNOLOGY

(2015-2018 Admission)

Time : 3 Hours

Max. Marks : 80

I. Answer **all** questions (Each question carries **1** mark).

1. Name the initial acceptor of CO_2 in CAM pathway.

2. Root pressure theory related to ascent of sap was proposed by ————————.

3. What is imbibition?

4. The exudation of liquid water through the margin of leaves in herbaceous plants is called ————————.

5. What is Totipotency?

6. Name the respiratory substrate with RQ value less than 1.

7. Define callus.

8. Name the cell organelles involved in photorespiration.

P.T.O.