



THE AMERICAN COLLEGE, MADURAI

(An Autonomous Institution Affiliated to Madurai Kamaraj University)

Re-accredited (2nd Cycle) by NAAC with Grade "A", CGPA – 3.46 on a 4-point scale

Backlog Arrear Examination, March 2021

BOT 132

Embryology

Marks: 75

I. Answer any FIVE of the following questions each not exceeding 4 pages. (5X15=75)

1. Show flower as condensed and modified shoot
2. Track microsporogenesis in a dicot plant of your choice.
3. Present the organization of female gametophyte
4. Differentiate different types of endosperm and write note on its function.
5. Compare and contrast monocot embryo & dicot embryo.
6. Explain apomixis and write about its significance.
7. Compare and study the function of tapetum and endosperm.