



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

CHE 1464

CHEMISTRY FOR BOTANIST-II

Max marks: 75 Marks

Time: 3 Hrs

Answer any FIVE questions

5 x 15=75

1. Write in detail about greenhouse effect and global warming.
2. What are the causes and control measures of water pollution.
3. With the neat labeled sketch write the process of Reverse osmosis.
4. Explain in detail how the industrial waste and radioactive pollutants affect the environment?
5. Discuss the need of preserving food.
6. Using Jablonski diagram explain fluorescence and phosphorescence.
7. Explain in detail (i) Photosensitization (ii) Biological Oxygen Demand (iii) Acid rain