



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 322

INDUSTRIAL CHEMISTRY

Marks: 60

Answer ANY FOUR Questions

4 x 15 = 60

1. (a) Write the ingredients of tooth paste and explain their characteristic functions. (8)
(b) Discuss the cleaning action of detergents. (7)
2. (a) Discuss the electroplating process of copper. (8)
(b) Explain the electrochemical energy conversion devices with example. (7)
3. (a) How water softening is carried out by ion-exchange process. (8)
(b) Explain cellulosic textile fibres. (7)
4. (a) Discuss the role of ingredients and preparation of paints. (8)
(b) Define capsule. How will you prepare capsules. (7)
5. What is cement? Explain the process involved in cement industry. (15)
6. (a) Explain the vulcanisation of natural rubber. (8)
(b) What are the byproducts obtained from petroleum and explain their uses. (7)