



**THE AMERICAN COLLEGE, MADURAI**  
(An Autonomous Institution Affiliated to Madurai Kamaraj University)  
Re-accredited (2<sup>nd</sup> Cycle) by NAAC with Grade "A", CGPA - 3.46 on a 4-point scale

**Backlog Arrear Examination, March 2021**

**CHE 1202**  
**Marks: 60**

**CHEMISTRY IN EVERYDAY LIFE**

**Time: 2 Hrs**

**Answer ANY FOUR Questions**

**4 x 15 = 60**

1. (a) Explain the vulcanization process of rubber. (8)  
(b) Write the properties and applications of silk and polyester. (7)
2. (a) Write the ingredients of tooth paste and explain their characteristic functions. (8)  
(b) Discuss the cleaning action of detergents. (7)
3. (a) Write the preparation, properties and uses phenol-formaldehyde resin. (5)  
(b) Explain chemotherapy. (5)  
(c) Write a note on narcotic analgesics. (5)
4. (a) Discuss the role and applications of food additives? (8)  
(b) Discuss the food colorants and their ill effects. (7)
5. Discuss in detail about antibiotics and analgesics with examples.
6. (a) Write the applications of resins in protective coatings (8)  
(b) Write the preparation properties and uses of Teflon. (7)