



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

COURSE CODE: BCA 3425 / 3406

TOTAL MARKS: 75

COURSE TITLE: COMPUTER NETWORKS

TIME: 3 HOURS

PART – A

(5 * 15 = 75 Marks)

Answer ANY FIVE Questions

1. Explain the 7-layered architecture of the OSI Model with a neat diagram.
2. Describe packet switching in detail.
3. Explain the methods for error detection in the data link layer with suitable examples.
4. Discuss Link State Routing with an example.
5. Describe electronic mail elaborately.
6. Explain guided transmission media in detail.
7. Discuss the uses of computer networks.