COURSE CODE: BCA 3425 / 3406   **TOTAL MARKS: 75**

COURSE TITLE: COMPUTER NETWORKS   **TIME: 3 HOURS**

<p align="center">PART – A   (5 * 15 = 75 Marks)</p>

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.