

**Course Code : BCS-052**  
**Course Title : Network Programming and Administration**  
**Assignment Number : BCA(V)/052/Assignment/2024-25**  
**Maximum Marks : 100**  
**Weightage : 25%**  
**Last Dates for Submission : 31<sup>st</sup>October,2024(For July, Session)**  
**30<sup>th</sup>April, 2025(For January, Session)**

**There are three questions in this assignment. In total, they carry 80 marks. Answer all the questions. 20 marks are for viva voce. You may use illustrations and diagrams to enhance the explanations. Please go through the guidelines regarding assignments given in the Programme Guide for the format of presentation.**

- Q1:** Illustrate the complete procedure of mapping a domain name to an IP address **(30 marks)**
- Q2:** Explain different ways of sending a message to multiple recipients **(30 marks)**
- Q3:** Write a short note on Disk Security Management **(20 marks)**