

BACHELOR OF COMPUTER APPLICATIONS (BCA)

(Revised Syllabus)

BCA(Revised Syllabus)/ASSIGN/SEMESTER-V

ASSIGNMENTS

(July-2025 & January-2026 sessions)

(BCS-051, BCS-052, BCS-053, BCS-054, BCS-055

BCSL-056, BCSL-057, BCSL-058)



**SCHOOL OF COMPUTER AND INFORMATION SCIENCES
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
MAIDAN GARHI, NEW DELHI – 110 068**

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Important Notes

1. Submit your assignments to the Coordinator of your Study Centre on or before the due date.
2. Assignment submission before due dates is compulsory to become eligible for appearing in corresponding Term End Examinations. For further details, please refer to BCA Programme Guide.
3. To become eligible for appearing the Term End Practical Examination for the lab courses, it is essential to fulfill the minimum attendance requirements as well as submission of assignments (on or before the due date). For further details, please refer to the BCA Programme Guide.

Course Code : **BCS-052**
Course Title : **Network Programming and Administration**
Assignment Number : **BCA(V)/052/Assignment/2025-26**
Maximum Marks : **100**
Weightage : **25%**
Last Dates for Submission : **31stOctober,2025(For July, Session)**
30thApril, 2026(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.** What is SMTP? How does it differ from Internet Mail Access Protocol (IMAP). **(30 marks)**
- Q2.** Explain any 5 Socket options. **(30 marks)**
- Q3.** Explain various Disk Management functions. **(20 marks)**