

4. Elaborate the Windows 95 architecture.
5. What is client-server model ? Give its merits and demerits. What are various applications of client-server model ? Elaborate.
6. What is proxy server ? Explain the procedure to design a client-server model by creating a proxy server.
7. Define a database server. What are various functions provided by database server ? Discuss in detail.
8. Discuss the steps in sequence to install a Windows NT. What factors you will consider before the start of installation ? List common problems faced in the installation of a server.

**Exam. Code : 105706**  
**Subject Code : 1452**

**B.Sc. (Information Technology) 6<sup>th</sup> Semester**  
**NETWORK OPERATING SYSTEM/CLIENT**  
**SERVER APPLICATION**

**Paper—I Opt. (ii)**

Time Allowed—2 Hours] [Maximum Marks—75

**Note :—**There are *eight* questions of equal marks.  
Candidates are required to attempt any  
*four* questions.

1. What do you mean by an operating system ? What are various views of an operating system ? Discuss in detail.
2. What do you mean by computer network ? What are various network topologies ? Discuss each giving merits and demerits.
3. What is network operating system ? What are its advantages and disadvantages ? List various network operating systems you are familiar with. Give the salient features of Windows 95.