

**Exam. Code : 404401**  
**Subject Code : 6514**

**Diploma Course in Computer Application (Full Time)**  
**1<sup>st</sup> Semester (Batch 2021-22)**  
**INFORMATION TECHNOLOGY AND**  
**OPERATING SYSTEM**

**Paper—I**

Time Allowed—3 Hours] [Maximum Marks—50

**Note :—** Attempt *five* questions in all, selecting at least *one* question from each section. The **fifth** question may be attempted from any section. All questions carry equal marks.

**SECTION—A**

1. Write the characteristics of client server systems.
2. Give the significance of information processing.

**SECTION—B**

3. Discuss various applications of internet.
4. List few web browsers. How relevant information and content is found on the web ?

**SECTION—C**

5. Differentiate between application and system software.
6. Write a note on different generation of languages.

**SECTION—D**

7. Compare single user and multiuser operating systems in terms of performance.
8. What different services are provided by an operating system ?