

**UDHNA CITIZEN COMMERCE COLLEGE &  
SPB COLLEGE OF BUSINESS ADMINISTRATION &  
SMT. DIWALIBEN HARJIBHAI GONDALIA COLLEGE OF BCA & I.T.  
F.Y. BCA (Semester :2) Internal Examination: 2023-24**

**Subject: 203 Operating System**

**Time: 2 Hours**

**Total Marks: 50**

**Q1. Answer the following questions in short. (Any Five)**

**10**

1. What is Operating System?
2. What is time sharing operating system?
3. What is file?
4. Explain role of kernel in OS.
5. What are the main objectives of OS.
6. What is network operating system?
7. What do you mean by spooling?

**Q2. Attempt Following Questions. [Any Four]**

**20**

1. Explain basic features of Linux
2. Explain Real-time operating system in detail.
3. How to create, Modify and delete a group in Linux OS?
4. Explain installation of Linux OS.
5. Explain Different Operation perform on file.

**Q3. Attempt Following Questions. [Any Four]**

**20**

1. Discuss Need of an operating system.
2. Difference between Batch Operating vs Time sharing Operating System.
3. Explain Single level and multi-level directory structure with its advantages and disadvantages.
4. How many types of users available in windows and Linux OS. Explain in detail.
5. Explain Different types of file types.