Assignment-3

Sr No	Question	COs	B.T	Competence
1	**What is Inter-Process Communication (IPC)? Name any two IPC methods.**	**1**	**1**	**Remember**
2	**Define critical section. What is meant by a race condition?**	**2**	**2**	**Understand**
3	**State the purpose of semaphores in process synchronization.**	**3**	**3**	**Apply**
4	**What is a deadlock? List the four necessary conditions for deadlock to occur.**	**3**	**3**	**Understand**
5	**What is Denial of Service (DoS) in the context of resource management?**	**4**	**4**	**Understand**
6	**Define file system. List any two file access methods.**	**4**	**4**	**Understand**
7	**What is disk scheduling? Name any two disk scheduling algorithms.**	**3**	**3**	**Understand**
8	**What is meant by file system security? Mention any two security mechanisms used to protect files**	**5**	**5**	**Understand**