**NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY ,GREATER NOIDA**

**(An Autonomous Institute Affiliated to AKTU, Lucknow)**

**Assignment-1**

**Subject Name: Operating System (ACSE0403A)**

1. Define interrupt? Explain the Hardware Interrupts and Software Interrupt.
2. Describe differences between symmetric and asymmetric multiprocessing. What are advantages and disadvantages of multiprocessor systems?
3. What are different type operating system structure? Explain any one in detail.
4. What are the different types of operating system? Explain in detail.
5. What are system calls? Explain the different categories of the system calls.