

# **UNIX PROGRAMMING – 18CS56**

## **ASSIGNMENT QUESTIONS -2**

### **Batch-1**

1. What are shell scripts? Explain with an example
2. Explain any five positional parameters used in Shell
3. Explain conditional execution in UNIX with examples
4. Explain the different forms of if statement
5. Explain the various ways of process termination

### **Batch-2**

1. Explain the case statement with example?
2. Explain numerical comparison operators used with test command
3. Explain the following file API's
  - a. open
  - b. creat
  - c. read
  - d. write
  - e. close
4. Explain the process of file and record locking
5. Explain the read command with example

### **Batch-3**

1. Explain exit and exit status command
2. Explain set and shift command with examples
3. Explain the directory file API's.
4. Explain the FIFO file API's
5. Explain the device file API's

### **Batch-4**

1. What is a file? Explain different file types available in UNIX or POSIX system. Also write the commands to create all the files.
2. Explain the chown, fchown, and lchown functions
3. Explain the following API's along with prototypes:
  - i) Open
  - ii) fcntl
  - iii) seek
  - iv) stat & fsat
4. Explain the chmod and fchmod functions
5. Explain the here command with an example