

(2)

2. (a) What is Shell? Explain its various features.
(b) Write a Shell script to take input a number and reverse it.
(c) Write short notes on the following :
 - (i) Command line argument
 - (ii) String comparison
 - (iii) Case statement
 - (iv) if fi
3. (a) What do you mean by Process? Explain process states and transition.
(b) Write a short note on Process creation, setting process priority and killing a process.
(c) Explain system boot and init process.
4. (a) What is Shared memory? Write its importance.
(b) Write short note on demand paging and swapping.
(c) What is System call? Explain wait(), signal(), fork() and exit() system call.
5. (a) Write steps for following in Linux :
 - (i) Adding a user
 - (ii) Setting user password
 - (iii) Deleting a user
 - (iv) Updating password

(3)

(b) What is Security? Explain Backup and Restore services in detail.

(c) Write a short note on X-Windows.
