



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)

**BCA-11 1<sup>st</sup> YEAR 1<sup>st</sup> SEMESTER ASSIGNMENT**

*Last Date of Submission: 15 Jan. 2014*

**Course Title:** Basic of OS and PC software  
**Year:** 2013-14

**Course Code:** BCA-03  
**Maximum Marks:** 40 Marks

**Section 'A'**

Section 'A' contains 08 short answer type questions of 5 marks each. Learners are required to answer 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

1. What is a network operating system? How is it different from the distributive operating system ?
2. What are different functions performed by an operating system?
3. What do you understand by internal and external commands? How are they different?
4. What is icon? Describe any two desktop Icon.
5. Suppose you have a computer system having the LINUX OS. Now solve the following problem - Show the procedure how to set the date and time of the system.
6. List out the different options and significance of **ls**.
7. A file has got a protection 756 (octal). What protections does it really have ?
8. Describe different types of operating systems ?

**Section 'B'**

Section 'B' contains 04 long answer-type questions of 10 marks each. Learners are required to answer 02 questions only.

1. Explain the structure of File System in Linux.
2. State and explain different operating system services.
3. What is virtual memory? Why is it so called? How is it used ?
4. Write the purpose of the following commands? Also state whether they are internal or external commands.

**TYPE, PROMPT, DISKCOPY, MEM**