



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)

उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी, नैनीताल

CCAPP/ CCAP/ CWA/ CIT/ CDTP/ CCAD/ COASP/ DCA/ DIMM/ DIT/ DWD/ DDTP/ PGDCA/ ADCA/  
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**(M-01) ASSIGNMENT**

**COMPUTER FUNDAMENTALS, OPERATING  
SYSTEM CONCEPTS**

*Last Date of Submission: 15 January, 2012*

**Course Title: Computer Fundamentals, OS Concepts**

**Course Code: M-01**

**Year: 2011-12**

**Maximum Marks: 20 Marks**

**Section 'A' contains 08 short answer type questions of 2<sub>1/2</sub> marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.**

1. What is hardware explain any four hardware components of a computer System?
2. Differentiate:
  - a. Algorithm and flowchart.
  - b. Interpreter and compiler.
3. What is software and explain types of the software with example?
4. Explain the external and internal commands in DOS with example.
5. Differentiate Linux and Windows Operating System.
6. Draw Window XP desktop and name the components.
7. Compare & contrast Windows XP and Windows vista.
8. What is difference between RD and DELETE commands in DOS?

**Section 'B' contains 04 long answer-type questions of 5 marks each. Learners are required to answers 02 questions only.**

1. What you mean by computer generations and explain with examples all the generations of the computer?
2. Describe any ten application areas of computer.
3. Convert the following hexadecimal numbers to binary:
  - i. ABD
  - ii. 5C24

iii. EF2.F

iv. 5642

v. FFF8

4. Write Short note on the following:

i. Number System

ii. Bits

iii. Nibble

iv. Byte

