



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)
उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

BCA 2ND YEAR 4TH SEMESTER ASSIGNMENT

Last Date of Submission: 15- May-2014

Course Title: Computer Organization

Course Code: BCA-11

Year: 2013-14

Maximum Marks: 40 Marks

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

1. Give a note on RISC architecture.
2. Describe interrupt driven I/O.
3. Explain direct memory access.
4. Discuss bus arbitration techniques.
5. List various types of semiconductor memory.
6. Describe Dynamic RAM organization.
7. What is pipelining? Explain instruction pipelining.
8. Explain Von Neumann machine with its architecture.

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

1. Discuss unsigned binary multiplication with suitable examples.
2. Describe various addressing modes
3. Explain virtual memory address translation.
4. What is segmentation? Differentiate it from paging.