



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

CCA-11
ASSIGNMENT

Last Date of Submission. 15/01/2015

Course Title: Introduction to information technology

Course Code: CCA-01

Year: 2014-15

Maximum Marks: 20

Section 'A' contains 08 short answer type questions of 2.5 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 computer? What are the characteristics of a computer?
2. Differentiate between a bit and a byte.
3. What is cache memory? How is it different from primary memory?
4. Differentiate between system software and application software.
5. What is a bus? How many types of buses are available?
6. What is NIC?
7. What is the difference between Switch and Hub?
8. Write short notes on the following
 - I. LAN
 - II. WAN

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

1. What is ISO-OSI reference model? Explain.
2. Discuss different types of Operating Systems.
3. Explain the different types of network topologies.
4. Explain the generation of computer.