



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)

M.Sc.IT 1st YEAR 1st SEMESTER ASSIGNMENT

Last Date of Submission: 15 Jan.,2014

Course Title: Fundamental of Networking & Web Technology

Course Code: M.Sc.IT-04

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. What are the different types of networking devices?
2. What is the difference between circuit switching and packet switching?
3. Explain the following transmission mode:
 - i. Simple-duplex
 - ii. Half-duplex
 - iii. Full-duplex
4. What is message switching?
5. What is the task of the network layer in the TCP/IP model?
6. What is guided and unguided media?
7. What is the difference between switch and hub?
8. What is an IP address? Discuss the function of domain name system.

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

1. What is ISO-OSI reference model? Explain each layer of the ISO-OSI reference model.
2. What is Java Script? What are the advantages of Java Script?
3. Explain the types of LIST TAGS with the help of example.
4. Describe how the web browser communicates with the web server.