



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

PGDCA-11 1ST YEAR 1ST SEMESTER ASSIGNMENT

Last Date of Submission: 15 Jan. 2013

Course Title: Fundamentals of Networking and Internet Course Code: PGDCA-04

Year: 2012-13

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 the difference between circuit switching and packet switching?
2. What are the design issues of layered architecture of a computer network.
3. What are the three major classes of guided media?
4. What is Internet? Explain why internet is called a "network of networks"?
5. What are meta tags and why are they used?
6. What is a difference between radio button and checkbox?
7. What is JavaScript? Describe in brief.
8. Name the three ways for wireless data to be propagated.

Section 'B'

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

1. Describe the functions of various layers in the TCP/IP model.
2. What is an IP address? Discuss the function of domain name system.
3. What is the basic difference between Built in Object and user Defined Objects in JavaScript? Write in brief about them.
4. Write an XML document to store the details of Employees. Also design a web page to get the input of employees and to retrieve the full details from the XML document.