



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)

उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी, नैनीताल

**DHN/ADHN/ADNS/ADCS  
(M-20) ASSIGNMENT**

**Windows NT Server & Networking, Routers & Switches, Networking & Communications**

**Course Title: Windows NT Server & Networking, Routers & Switches, Networking & Communications**

**Course Code: M-20**

**Year: 2011-12**

**Maximum Marks: 20**

**Section 'A'**

**Note: Section 'A' contains eight short answer type questions of 2.5 marks each. The learners are required to answer four questions only. Answers of short answer-type questions must be restricted to about 250 words approximately.**

Q.1 What is network topology?

Q.2 What are the characteristics of LAN?

Q.3 What is BUS topology?

Q.4 What is Multimedia?

Q.5 Differentiate between HTTP and WWW.

Q.6 What is OSI reference model? Explain.

Q.7 What is DNS? Explain.

Q.8 Write short notes on:

a. Router

b. Switch

**Section 'B'**

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

Q.1 What is server? Explain the different type of server.

Q.2 Explain all layers of OSI model in brief.

Q.3 Explain TCP/IP model in detail.

Q.4 Explain LAN, WAN and MAN with diagram.