



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)

उत्तराखंड मुक्त विश्वविद्यालय, हल्द्वानी, नैनीताल

**DIPLOMA IN COMPUTER APPLICATIONS
ADVANCE DIPLOMA IN COMPUTER APPLICATIONS**

(M-13) ASSIGNMENT

**JAVA SCRIPT & PROGRAMMING,
DATA STRUCTURE & ALGORITHM,
VISUAL PROGRAMMING (VB.NET)**

Course Title: Java Script & Programming, Data Structure & Algorithm and Visual Programming (VB.NET)

Course Code: M-13

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 answers four questions only. Answers of short answer-type questions must be restricted to about 250 words approximately.

Q.1 What are Combo Boxes? How are they different from dialog boxes?

Q.2 Write a program in Visual Basic .NET whether the number is prime or not.

Q.3 Discuss the advantages of JavaScript.

Q.4 Discuss data types and Literal in JavaScript with the suitable example.

Q.5 What is Dense Arrays?

Q.6 Define Data structure?

Q.7 Explain the functions in Java Script?

Q.8 What is DOM?

Section 'B'

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

Q.1 What are arrays? Explain.

Q.2 What is Stack and what are the operations that are performed on Stack?

Q.3 What are queues? Explain.

Q.4 What is Insertion Short? Explain.