



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)

उत्तराखंड मुक्त विश्वविद्यालय, हल्द्वानी, नैनीताल

PGDCA

(M-19) ASSIGNMENT

Programming techniques (C++ with OOPS), Data Structure & Algorithm, SAD & MIS

Course Title: Programming techniques (C++ with OOPS), Data Structure & Algorithm, SAD & MIS
Course Code: M-19

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 Polymorphism? Explain types of polymorphism.

Q.2 What is function overloading and operator overloading?

Q.3 What is array? Explain the types of array in detail.

Q.4 Explain features of Object Oriented Programming in details.

Q.5 What is inheritance? Explain the types of inheritance.

Q.6 Define Stack and Queue.

Q.7 What is the difference between array and linked list?

Q.8 Give the principle of Bubble Sort.

Section 'B'

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

Q.1 Define DSS with example.

Q.2 What are the benefits of MIS?

Q.3 Describe the MIS and its characteristics.

Q.4 Describe the role of information in decision making?